

OTIS BROTHERS & CO.
No. 36 Park Row,
NEW YORK.

AMERICAN ELEVATOR CO.
No. 2 Queen Victoria Street,
LONDON.

HALE

ELEVATOR

COMPANY

NO. 187 LA SALLE STREET,

CHICAGO, ILL.

HALE ELEVATOR CO.

MANUFACTURERS OF

HYDRAULIC^{AND} STEAM

PASSENGER^{AND} FREIGHT

-:- ELEVATORS -:-

GENERAL OFFICE:

187 & 189 LA SALLE STREET, CHICAGO, ILL.

: OFFICES :

HALE ELEVATOR CO.

CHICAGO,
ST. LOUIS,
DETROIT,

MINNEAPOLIS,
NEW ORLEANS,
KANSAS CITY.

OTIS BROTHERS & CO.

NEW YORK,
PHILADELPHIA,
BOSTON,

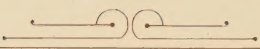
BALTIMORE,
PITTSBURGH,
SAN FRANCISCO.

AMERICAN ELEVATOR CO.

LONDON, ENGLAND.

PARIS, FRANCE.

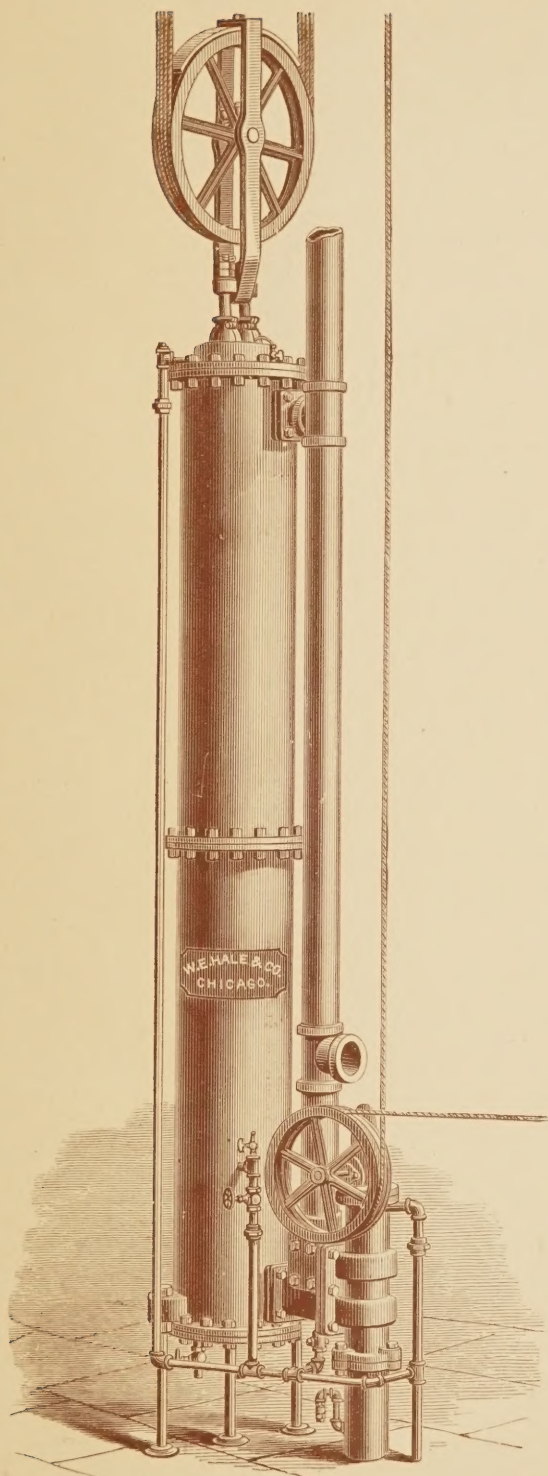
OCTOBER 1, 1889.



GEO. E. MARSHALL & CO.
STATIONERS, PRINTERS AND BLANK-BOOK MAKERS,
144 & 146 MONROE ST.
CHICAGO.



65642



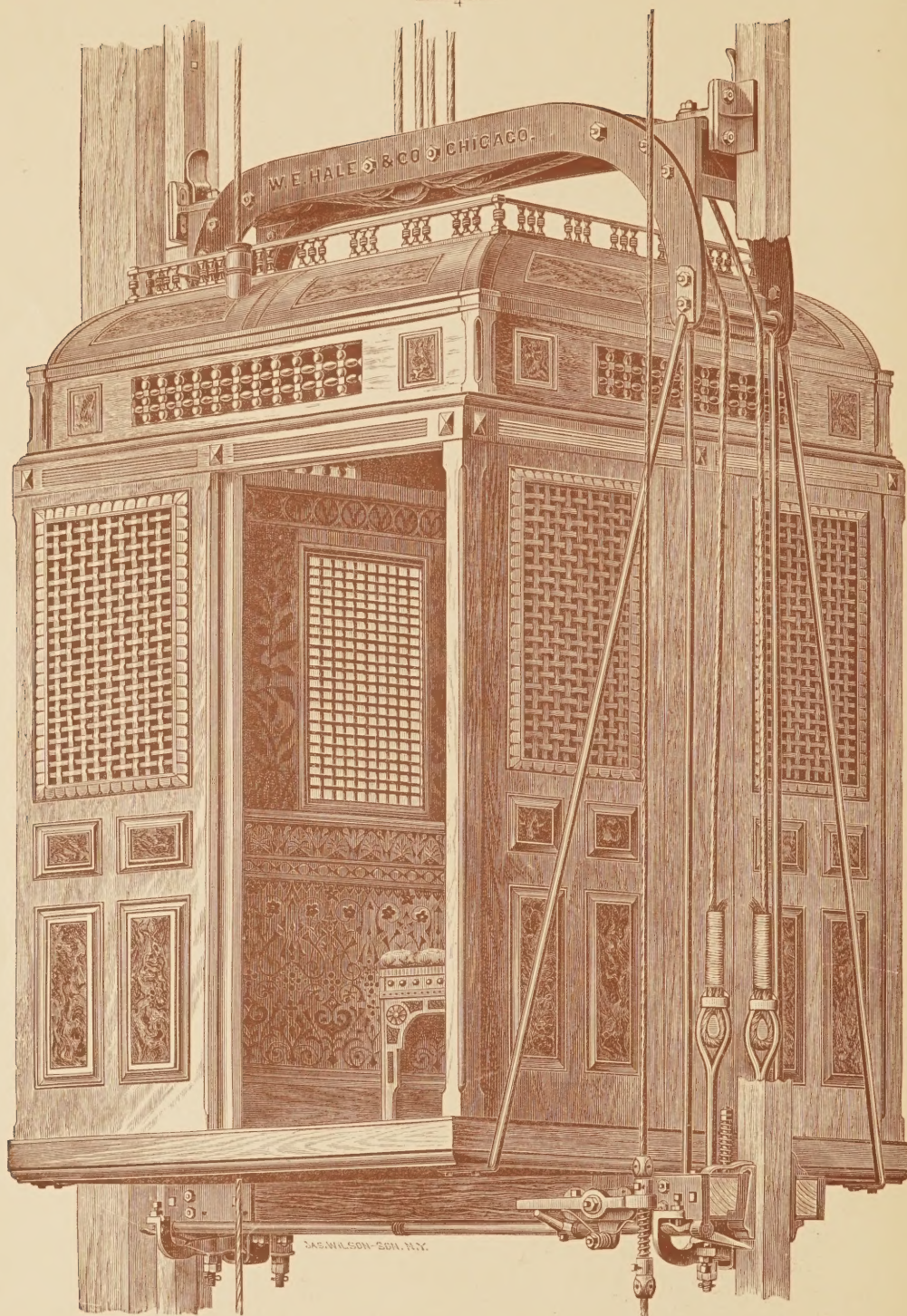
HALE HYDRAULIC MACHINE.

This machine is constructed for either Passenger or Freight service and for any desired use or capacity.

COST.

To estimate the cost of Elevators, the following information is needed :

1. How many required ?
2. For Passenger or Freight service ?
3. To be operated by water or steam ?
4. Height the car will travel ?
5. Character and cost of car ?
6. Size of hatchway or car ?
7. Maximum load to be lifted in the car ?
8. Maximum speed with average load ?
9. Water pressure at Building, if to be operated from street main.
10. Distance from basement floor to bottom of upper tank, if to be operated from tank above ?
11. Steam pressure, if steam elevator or steam pump is to be used ?
12. Plan and section of Building, showing location of Elevator, also of pump, and upper and lower tanks, if they are to be used, will aid in determining the cost of any plant.



THE HALE PASSENGER ELEVATOR CAR,
WITH GRAVITY WEDGE SAFETY PLATFORM.

On all Passenger Elevators we use at least four independent lifting cables, each one of them being capable of sustaining several times the maximum load to be raised by the elevator.

SAFETIES.

AUTOMATIC GRAVITY-WEDGE.

1. *Under the Car* is a heavy *hard-wood Safety-Plank* on each end of which is an iron adjustable jaw, enclosing the guide on the guide post. In this jaw is an iron wedge, withheld from contact with the guide in regular duty. Under the wedge is a rocker-arm, or equalizing bar, with one of the lifting cables attached *independently* at each extremity. The four lifting cables after being thus attached pass over a wrought iron girdle at the top of the car. Each cable carries an equal strain, and the breaking of any one cable puts the load on the other cables, which throws the rocker out of the horizontal position, and forces the wedges on *both* sides instantly and immovably between the iron jaws of the safety-plank and the side of the guides, *stopping the car*. It may be raised to any position by the unbroken cables, though it can *not* be lowered until a new cable is put on.

A WARNING SAFETY.

2. Any cable will always stretch before it breaks, which will lower one end of the equalizing safety-bar, and force the wedges on both sides into position. *No other safety device will give warning in advance.*

AUTOMATIC GOVERNOR.

3. Our improved *Automatic Governor*, located on the overhead cross beam at the top of the Building, is operated by an endless cable passing over its driving wheel, with a weighted gin-block in its lower loop, and is connected to the gravity wedges under the car, so as to arrest its descent the moment excessive speed is attained, from *any* cause.

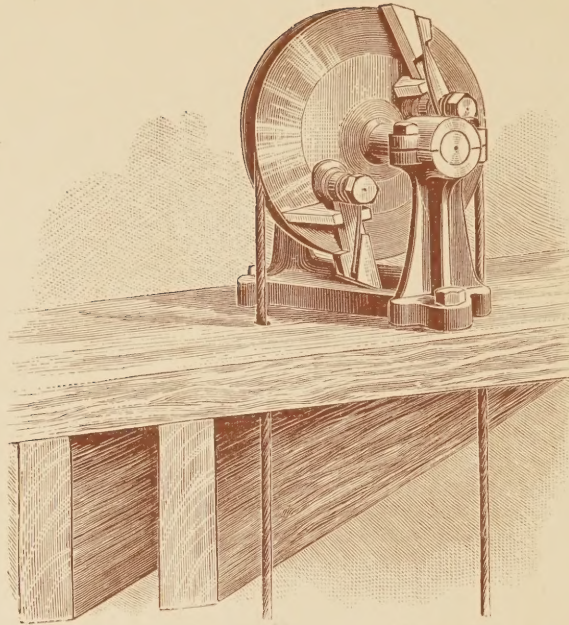
AUTOMATIC SAFETY STOP.

4. We offer the only positive *Automatic Stop*, as it has no mechanical device of any nature connected with it, is necessarily automatic, and *must* work at every full ascent or descent of the car. It is an extension, or apron, on the top and on the bottom of the main piston in the cylinder.

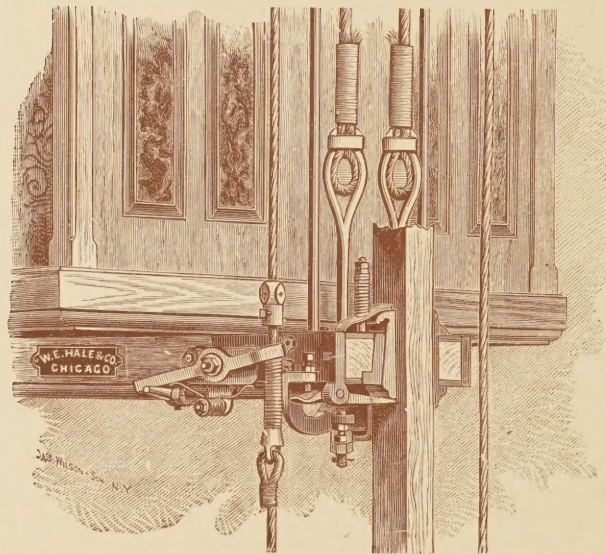
AUTOMATIC WATER SHUT-OFF.

5. Its graduated extremities pass across the supply and exhaust ports at the top and bottom of the cylinder, through which the water is supplied or discharged, and so by stopping the supply of water, gradually retard the speed of the car as it approaches the extreme landings, and stop it at the

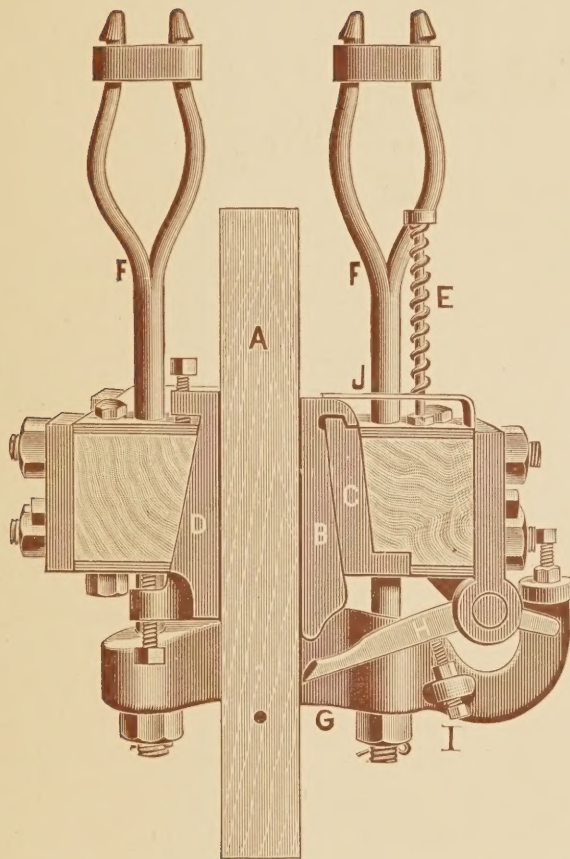
AT TOP OF SHAFT.



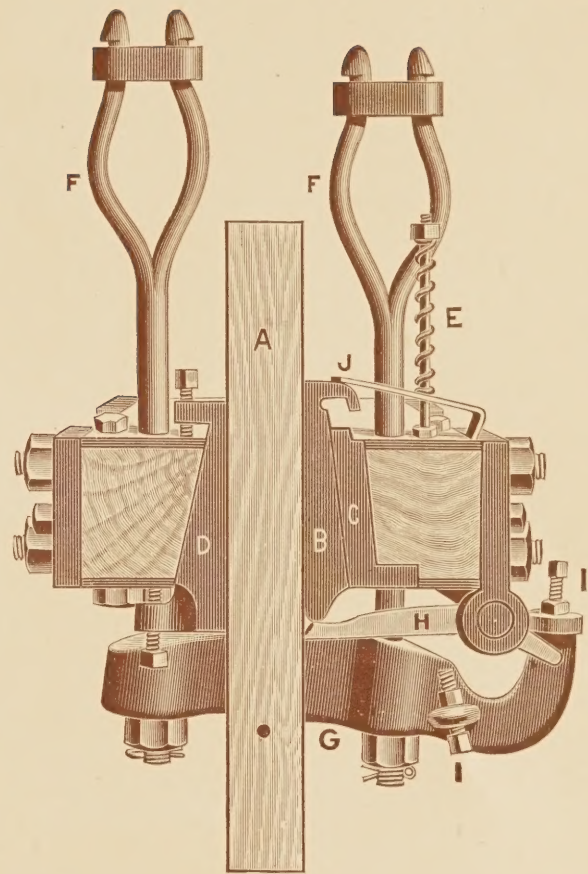
BOTTOM OF CAR.



BALDWIN GOVERNOR SAFETY,
ATTACHED TO OUR GRAVITY WEDGE SAFETY



Showing Cables properly adjusted and the Safety Wedge in position for Car to run.



Showing Safety Wedge thrown in by the breaking or stretching of one of the Cables.

GRAVITY WEDGE SAFETY.

proper place *independently* of the operator, hand cable, lever, or other device. There is nothing to get out of order, or repair, or watch. It is always ready and simply *shuts off the water power* by which the car *was* being moved.

WATER SAFETY BRAKE.

6. We always have in use a special *Water Safety Brake*. By means of a circulating pipe, the main cylinder, closed at both ends, is *always full of water*, without regard to where the car may be.

Therefore, if the descending car becomes obstructed, or stops from any cause, the piston also stops, as the *water cannot escape*, the car remaining *stationary* until the obstruction can be removed, and then continuing its journey as before.

AUTOMATIC BUTTON-STOP.

7. A double button-stop with rubber buffer is placed on the hand cable, which will *automatically* stop the car at the upper and lower landings.

Lever Operating Device.

Special attention is called to our Improved Lever Device, for operating the car, which can be used interchangeably, in conjunction with the hand cable, if desired, and presents to the operator at all times two independent and reliable methods of controlling the Car. It is simple in its construction, operates the car with steadiness and great ease, makes reliable stops at landings, and obviates the jumping of the car in stopping or starting.

Information for Architects.

From our experience with elevator service, as best adapted to the various buildings in which they are to be placed, we submit some suggestions to architects, builders and owners.

LOCATION.

In planning first-class buildings, no single point is of greater importance in the primary consideration than the location of the elevator plant, since, for buildings of greater height than three stories, the elevator service is generally considered by tenants the most important feature of the building. To obtain the most satisfactory results, the elevator should be placed directly opposite the main entrance, as near the front of the building as possible, and if several machines are required, they should be banked together, rather than placed in different positions in the building.

NUMBER.

The number of passenger elevators required depends entirely upon the size and nature of the building under consideration. It is difficult to lay down any rule which may be followed without exception, but in a general way our experience proves that for an average office building, one high speed elevator will serve the requirements of from thirty to forty offices to good advantage. This number will, of course, vary according to the business of the tenants.

CAPACITY.

It has been found that better service is obtained by passenger elevators adapted to lifting an average load at high speed, than a maximum lifting capacity running at slow speed, as was formerly the construction preferred. While the maximum capacity varies according to existing conditions at a building, we advise for an average office building, a maximum lifting capacity of from 1,500 pounds to 1,800 pounds, with as high speed for an average load of from five to six passengers, as can be obtained from the power employed. For hotels or mercantile establishments, where slower speed is advisable and larger loads must be lifted, we would not advise a greater maximum lifting capacity than from 1,800 pounds to 2,000 pounds.

SIZE OF CAR.

The size of the elevator-car should be no larger than is necessary to accommodate the maximum load to be lifted, calculating two square feet of floor space for each passenger, and allowing 150 pounds for the average weight of a passenger.

SHAPE OF CAR.

In order to allow passengers easy and rapid ingress into, and egress from the car, and thus facilitate the service, it is desirable to make the car greater in frontage than in depth. For the average office building, a model car would be about six feet frontage by four feet in depth, with a door opening not less than three feet in width.

SIZE OF HATCHWAY.

The finished dimensions of the hatchway or well-hole in which the car is to run, should be, when plumbed, eleven and one-half inches in width, and four inches in depth, larger than the size of the required car.

LOCATION OF CYLINDER.

The elevator machinery may be placed within or adjacent to the hatchway, although it may be located some distance away, if necessary. Better mechanical results are, however, obtained by having the elevator machinery close to the car to be raised.

LOCATION OF PUMPS, TANKS AND PIPING.

When the tank system is to be used, the pump and tanks should be located as close to the elevator shaft as possible, in order to avoid the use of horizontal water piping, thus avoiding unnecessary first cost, and loss of power through friction. It is cheaper and preferable to convey steam to the pump, than to force water a considerable distance.

DESIGN AND COST OF CAR.

The design and detail of construction of a car should be left largely to the elevator builder, since it is necessarily peculiar, and it is always to the interests of the manufacturers to provide as attractive a car as possible for the money specified. The architect's specifications should name the amount of money to be expended on it, always remembering that a handsome car is an attractive feature in a building. From the large number and variety of car designs that we have, and are continually preparing, we can furnish hard-wood cars varying in cost, from \$250 to \$1,000 each. Cars of wrought-iron construction cost from \$400 to \$1,500 each. Wooden cars are preferable where moderate cost is desired, since they can be made of more showy design at less outlay. With fire-proof construction, however, the iron car is more in keeping.

WATER SUPPLY FOR ELEVATOR SERVICE.

In cities where high water pressure can be obtained from the street mains, it may be well to operate an elevator from that source, but only if it is to be used moderately. As a rule, it is much more economical and satisfactory to provide a pump and tank plant; thus using the water over and over again, without wastage. The water taken from the city mains carries with it a certain amount of dirt, or grit, which, although almost invisible, is liable to cut the packings, used in elevator machinery, and increase the cost of maintenance, besides affecting the power. The city pressure also varies considerably, proportionately affecting the lifting capacity and efficiency of the elevator, while with the tank system absolutely clean water can be used, the pressure always remains constant and reliable, the efficiency is at all times the same, and the cost of operation is very materially less, as no water is wasted.

COST OF SERVICE.

It is not possible to give an accurate statement of the cost of operating elevators, as the conditions vary so materially; the amount of water used depending upon the pressure obtained, the load to be lifted, the height to which the car will travel and the number of trips made.

Experience has taught us that in tank pressure systems, where the rise of the car is about 100 feet and the maximum load to be lifted does not exceed 1,800 pounds, the average amount of coal consumed per day for constant service does not exceed 1,200 to 1,500 pounds. This would be increased or decreased in proportion to the economy of your boiler service, the efficiency of those in charge of the plant and the demands upon the elevator.

We consider it safe to estimate upon this basis. In street pressure systems, the cost varies so much from numerous causes, that no specific estimate can be made, but it is safe to assume that an elevator, rising 100 feet, using a pressure from the street main of 60 pounds, and lifting a load of 1,800 pounds would use about 260 gallons of water for each trip, and the cost per day would be governed by the number of trips made, and the cost of water per thousand gallons. This cost would be lessened or increased in proportion to the variation of the pressure. Of course, if lighter loads were lifted, and the travel of the cars were less, the cost of operation would be proportionately reduced.

COMPRESSION TANK SYSTEM.

The open tank on roof or in upper story, or the gravity system, is the one generally in use and preferred, but the closed or compression tank system in basement, though more complicated, may be used where the former is not practicable, or where specially high pressure is desired, and cannot be obtained by gravity.

OTHER PUMPING POWERS.

In buildings where steam cannot be obtained, gas engines may be used to furnish the power for driving the pump for lifting the water. The electric motor also is being employed for this duty.

ELEVATOR SPECIFICATIONS.

The architect's specifications, upon which proposals for elevators are submitted, should state the requirements asked for on folio 3, by which the cost is estimated.

If a tank plant is to be used, the pump, tanks (whether of wood or iron), and hydraulic piping to connect the tanks and pumps with the elevator cylinders should also be specified, if to be furnished by the elevator contractor.

The elevator manufacturer should not be asked to include any work that does not properly belong to him, such as boiler, gas engine, motor, preparing and enclosing the hatchway, foundations for machinery, *supports* for tanks, for guide posts or for sheave beams, steam connections to pump, electric annunciator, gas fixtures, or any work he does not produce himself, which is outside of elevator building, and can be directly contracted for more cheaply by the owner.

We will be glad at all times to furnish estimates, detailed specifications and plans for any kind of elevator construction.

HALE ELEVATOR CO.

USERS OF THE HALE ELEVATOR.

ÆTNA, TENN.

STEAM AND HYDRAULIC HOISTS.
Ætna Iron Co.

AKRON, OHIO.

HYDRAULIC PASSENGER.

Conger, A. L.,
Hotel Buchtel
O'Neil & Dyas
Schumacher, F.

HYDRAULIC FREIGHT.

Schumacher, F.
O'Neil & Dyas.

BELT MACHINES.

Aultman, Miller & Co., 8
Hotel Buchtel
Siberling, J. F.

STEAM AND HYDRAULIC HOISTS.
Akron Iron Co.

ALBANY, N. Y.

HYDRAULIC PASSENGER.

Albany County Court House
Albany County Bank
"Antwerp" Ap. House
Benson, A. V.
Commerce Insurance Co.
Commercial Bank
Cotrell & Leonard
Evans, George
Hotel Kenmore
Mann, Waldman & Co.
Myers, John G.
Moseley, B. F. & Son
National Express Co.
N. Y. State Capitol, 3
Russell, Henry
Stanwix Hall
State Hall
Treadwell, G. H. & Co.,
Tweddle Bldg.
Whitney, H. M. & Co.
Wooster, B. W.

HYDRAULIC FREIGHT.

Fort, P. V. & Son
Mann, Waldman & Co.
Myers, John G.
New York State Capitol
Treadwell, G. H. & Co.

BELT MACHINES.

Albany Aerated Bread Co.
"Argus" Company
Clarke's, J. A. Sons
Eagle Mowing & Reaping Ma-
chine Co., 2
East N. Y. Boot & Shoe Mfg. Co.
Feary Mfg. Co.
Goerney, J. A.
Larrabee, E. J. & Co., 2
Littlefield, D. G. & Co.
Newton & Co.
Rathbone, Sard & Co., 3
Waterman, J.
Weed & Parsons
Wooster, B. W.

STEAM AND HYDRAULIC HOISTS.
Albany City Iron Co.

ALEXANDRIA BAY, N. Y.

HYDRAULIC PASSENGER.
Thousand Island House

ALLEGHENY CITY, PA.

HYDRAULIC FREIGHT.

Westinghouse Air Brake Co., 3

STEAM PASSENGER.

Ridgewood Incline Railway Co.
Semple, William

STEAM FREIGHT.

Semple, William

BELT MACHINES.

Walker, W. & H.
Westinghouse Air Brake Co.
Winter, Emil

STEAM AND HYDRAULIC HOISTS.
Columbia Iron & Steel Co.
Edith Furnace Co.

ALLENTOWN, PA.

HYDRAULIC PASSENGER.

Allen House

STEAM PASSENGER.

Ridgewood Incline Railway Co.

BELT MACHINES.

Lentz, John E. & Co.

ALTOONA, PA.

STEAM FREIGHT.

Penn. R. R. Co.

AMSTERDAM, N. Y.

BELT MACHINES.

Sanford, Stephen

ANACONDA, MONT.

HYDRAULIC PASSENGER.

Hearst Hotel

ARDSLEY, N. Y.

STEAM AND HYDRAULIC HOISTS.

Managan, Russell & Co. (New
Aqueduct, Shaft 15)
Rodgers & Co. (New Aqueduct,
Shaft 14)

ARGENTINE, KAN.

BELT MACHINES.

Kansas City Smelting & Re-
fining Co.

STEAM AND HYDRAULIC HOISTS.

Kansas City Smelting & Re-
fining Co.

ARKANSAS CITY, KAN.

HYDRAULIC PASSENGER.

Fifth Avenue Hotel

ARVERNE-BY-THE-SEA, L.I.

HYDRAULIC PASSENGER.

Arverne Hotel

ASHLAND, KY.

STEAM AND HYDRAULIC HOISTS.
Norton Iron Works

ASHLAND, WIS.

STEAM AND HYDRAULIC HOISTS.
Ashland Iron & Steel Co.

ASHVILLE, N. C.

HYDRAULIC PASSENGER.

Battery Park Hotel

ASTORIA, L. I., N. Y.

BELT MACHINES.

Astoria Vencer Mills
Steinway & Sons, 2

ATCHISON, KAN.

HYDRAULIC PASSENGER.

Otis House
U. S. National Bank

ATLANTA, GA.

HYDRAULIC PASSENGER.

Chamber of Commerce
Chamberlin, Boynton & Co.
Constitution Publishing Co.
Fitten, Maj. John A.
Gate City National Bank
Kimball House, 2
Markham House
Moore, Marsh & Co.

HYDRAULIC FREIGHT.

Brown, Jos. E., 2
Collier, C. A., 2
Kimball House, 2
Moore, Marsh & Co., 2

BELT MACHINES.

Commercial Mfg. Co.
Constitution Publishing Co.

ATLANTIC CITY, N. J.

HYDRAULIC PASSENGER.

Haddon Hall
Hotel Brighton
Sea Side Hotel
Traymore House
United States Hotel

AUBURNDALE, MASS.

HYDRAULIC PASSENGER.

Woodland Park Hotel

AUBURN, N. Y.

BELT MACHINES.

Auburn Woolen Co.
Barber, Josiah & Sons, 3
Dunning & Co., 2
Nye & Wait, 2
Osborne, D. M. & Co., 7

AUGUSTA, GA.

HYDRAULIC PASSENGER.

Hotel "Bon Air."

AUGUSTA, ME.

BELT MACHINES.

Allen, E. C.

BALTIMORE, MD.

HYDRAULIC PASSENGER.

Abell, A. S., Estate
Altamont Hotel
Ambach, Bergunder & Co.
American Fire Insurance Co.
Baltimore & Ohio R. R. Co., 2
Chamber of Commerce, 3
Firemen's Insurance Co.
Garrett, John W. (residence)
Garrett, Robert (residence)
Gilpin, Langdon & Co.
Glenn Building
Goldenberg, M.
Graham, Geo. B.
Gutman, Joel & Co.
Hiss, P. Hansen & Co.
Hodges Brothers
Hotel Brexton
Hurst, Purnell & Co.
Hutzler Brothers, 2
Keyser Brothers & Co., 2
King's Warehouses
Lukes, Berwanger & Co.
McCreery Building
Mann, J. & H. & Co.
Masonic Temple
Miller, Dan'l & Co.
National Exchange Bank
Neal, G. H. C. & Son
Oehm, Charles N. & Son
Umbstaetter, H. D.

HYDRAULIC FREIGHT.

Abell, A. S., 5
Abell, Est. A. S., 2
Ambach, Bergunder & Co.
Ashland Mfg. Co.
Baker Bros. & Co.
Baltimore & Ohio R. R. (central
offices)
Bartlett, Hayward & Co., 2
Bennett Block, 3
Buck, Cator & Neer
Campbell, Ross & Co.
Carey, Bayne & Smith
Cohen, Adler & Co.
Conklin Bros. & Co.
Deford & Co.
Equitable Gas Light Co.
Floss, S. & Co. (E. H. Trust
Building)
Gail & Ax, 2
Hodges Brothers
Howell & Bros., Limited
Hurst, Purnell & Co., 2
Johnson, Sutton & Co.
Mann, J. & H. & Co., 2
McCreery Building, 3
McCreery, A. B., 2
Meyer, Rheinhard & Co.
Miller, Daniel & Co., 2
National Exchange Bank
Revera, J. B.
Tabb Brothers, Maslin & Co., 2
Whiteley, Tapscott & Melville
Wilson, Palmer & Co.

STEAM PASSENGER.

Barnum's Hotel
Entaw House
Goldsbrough Building

USERS OF THE HALE ELEVATOR.—Continued.

STEAM FREIGHT.
Hodges Brothers
Stillman, O. B.

BELT MACHINES.
Dickey, W. J. & Son
King's Warehouse

BANGOR, ME.
HYDRAULIC PASSENGER.
Nichols, E. C.

HYDRAULIC FREIGHT.
Adams, S. & J.
Bragg & Pierce
Haywood, Charles
Knight, Rolf & Emerson
Rice & Skinner
Savage & Co.
Stetson, George

BAR HARBOR, ME.
HYDRAULIC PASSENGER.
Hotel Louisburg
Rodick, David & Sons

BARREN ISLAND, N. Y.
BELT MACHINES.
Coe, E. T.

BATTLE CREEK, MICH.
HYDRAULIC PASSENGER.
Sanitarium

HYDRAULIC FREIGHT.
Sanitarium

BAY CITY, MICH.
HYDRAULIC PASSENGER.
Fraser House

BELLAIRE, O.
STEAM AND HYDRAULIC HOISTS.
Bellaire Nail Works.

BELLEFONTE, PA.
STEAM AND HYDRAULIC HOISTS.
Valentine Ore & Land Ass'n

BELLEVILLE, ILL.
STEAM AND HYDRAULIC HOISTS.
Western Nail Co.

BENNINGTON, VT.
BELT MACHINES.
Hunt, Tillinghast & Co.

BESSEMER, ALA.
STEAM AND HYDRAULIC HOISTS.
Bessemer Iron & Steel Co., 2
Little Bell Furnace Co.
Thompson, Edgar, Steel Wks., 2

BETHLEHEM, PA.
STEAM AND HYDRAULIC HOISTS.
Lucy Furnace Co.

BINGHAMTON, N. Y.
HYDRAULIC PASSENGER.
"Arlington," The
Perry, Isaac G.
Phelps Bank Building
Sisson Brothers & Welden
Weed, C. A. & Co.

BIRDSBORO, PA.
STEAM AND HYDRAULIC HOISTS.
Brooke, E. & G. Iron Co., 2

BIRMINGHAM, ALA.
HYDRAULIC PASSENGER.
Caldwell Hotel
Caldwell & Milner
Hotel Florence
O'Brien, F. P.
Mudd, Wm. S., Estate
Morris Building, 2
Whelan & Collins

HYDRAULIC FREIGHT.
Caldwell Hotel, 2
Moore, Moore & Handley

STEAM AND HYDRAULIC HOISTS.
Sloss Iron & Steel Co., 4
Williamson Iron Co.

BLACKWELL'S ISL., N. Y.
STEAM PASSENGER.
Charity Hospital

BLOOMINGTON, ILL.
HYDRAULIC PASSENGER.
First National Bank
Mason, J. R.

BOSTON, MASS.
HYDRAULIC PASSENGER.
Albion Building
"Austerfield," The
Blake, George B. (residence)
Bliss, Wm. (residence)
Boston & Albany R. R. Passen-
ger Station
Boston Five Cent Savings Bank
Bowdoin Building
City Exchange Building
Coburn, F. J. (residence)
Cross, Mark W.
Dean, Benj. (residence)
Evans House
Harvard Medical School
Hotel Argyle
Hotel Aubry
Hotel Berkeley
Hotel Cluny
Hotel Copley
Hotel Glendon
Hotel Guilford
Hotel Hancock
Hotel Huntington
Hotel "Nightingale"
Hotel Pierrepont
Hotel Royal
Lee, John R.
Libby, Mrs. E. A.
Marsh, Chas. (residence)
Mason Building, 2
Mass. Real Estate Co., 2
Matthews, N. Jr.
Mitchell, John G.
Peabody, H. W. & Co.
Pierce Trustee, W. L.
Pray, J. H., Sons & Co.
Richards, C. A.
Richards Building
Sears, E. B.
State Mutual Assoc. Co.
Thayer, Nath'l (residence)
Thomas Estate
Tremont Temple
"Tudor" Apartment House, 2
Union Club
U. S. Post Office and Sub-Treas-
ury Building, 4
Weld Estate
"Wesland" Hotel
White, R. H. & Co., 3
Williams, Moses

HYDRAULIC FREIGHT.
Ames, F. L.
Bradford, Gamaliel

Copley House
Crosby St'm Gauge & Valve Co.
Cruff, Isaac S.
Flower, R. C., Medical Co. (Hotel
Flower)
Gould, H. A.
Hill, Estate W. H.
Homans, C. D., G. H. & John
Kimball Bros.
Lovell's Arms Co.
Matthews, N., Jr.
Murdock, A. L.
Pierce, Wallace L., Trustee
Pray's, Sons & Co., J. H.
Quincy Market Cold Stor. Co., 3
Rowan & Kelly
Snow & Co.
Stetson, Amos W.
Thomas Estate
"Tudor" Apartment House, 2
Union Club
White, R. H. & Co.
Woodman, Geo. & Co.

STEAM FREIGHT.
Pope, Geo. W.

BELT MACHINES.
City of Boston Fire Dep't, 2
Williams, Moses, Estate

BRATTLEBORO, VT.
BELT MACHINES.
Estey, J. & Co., 2
Hunt, S. B. & Co.

BREWSTERS, N. Y.
BELT MACHINES.
N. Y. Condensed Milk Co.

BRIDGEPORT, CONN.
STEAM FREIGHT.
Rogers & Morford

BELT MACHINES.
Bridgeport Furniture Mfg. Co.
Bridgeport Gun Impt. Co.
Burlock Mfg. Co.
Howe Sewing Machine Co., 6
Thompson, Langdon & Co.
Sharpe Rifle Co.
Warner Brothers, 3
Wheeler & Wilson Sewing Ma-
chine Co., 3

BRIDGETON, N. J.
HYDRAULIC PASSENGER.
Hotel Cumberland

BROCKTON, MASS.
HYDRAULIC PASSENGER.
Home National Bank.

BROOKLYN, N. Y.
HYDRAULIC PASSENGER.
Baldwin, O. S.
Betts, Charles A.
Blaza, W. A.
Convent of Mercy
Dow's Stores
Garfield Building, 2
Hatch, Walter T. (residence)
Hoagland, Dr. C. N. (residence)
Home for Consumptives
"Hotel St. George"
Hurd, Waite & Co.
"Lefferts" Ap. House
Liebman Brothers & Owings
Loeser, F. & Co.
Long Island Bank Building
Low, A. A. (residence)
Low, A. A., 2
Mullins, John
Nau & Helm

O'Brien, Jos.
Phenix Ins. Co.'s Building, 2
Pierrepont, H. E., Jr (residence)
Pratt, Charles
Randolph, W. G. H.
Robbins, A. S., 4
St. John's Hospital
Schmitz, P. W.
Seeley, E. S. (residence)
Sheldon, H. K. (residence)
Smith, Edward
Smith, M. F.
Taylor, F. E. (residence)
White, A. T.

HYDRAULIC FREIGHT.
Blaza, W. A.
Brooklyn Sugar Refining Co., 5
Chesbrough Mfg. Co.
Fulton Municipal Gas Co., 2
Hamilton Club
Low, A. A.
Mullins, John
N. Y. Dye-wood, Extract and
Chemical Co., 2
Pratt, Charles & Co.
Robbins, A. S., 4
Worthington Hydraulic Works,
Henry R., 2

STEAM PASSENGER.
St. Catherine's Hospital
Wilson, Elbert C.

STEAM FREIGHT.
Burger, Hurlburt & Living-
ston, 2
Eppig, L.
Fulton Refining Co.
Havemeyers & Co., 3
Havemeyer Sugar Refining Co. 2
Havemeyers & Elder, 9
Lipsius, Claus (Brewery)
Leibman's Sons Brewing Co.
Loeser, F. & Co.
St. Catherine's Hospital
Smith, M. F. and Randolph, W.
G. H.

BELT MACHINES.
Adams & Son
Am. Cocoa Matting Co.
Appleton, D. & Co.
Arbuckle Bros. Coffee Co., 2
Atlantic White Lead Works, 2
Averil Chemical Paint Co.
Battermann, H.
Beeston & Pentlarge
Bliss, E. W. Co., 2
Brooklyn Brass & Copper Co., 2
Brooklyn Cooperage Co., 2
Brooklyn Daily Eagle, 2
Brooklyn Needle Works
Brooklyn White Lead Co.
Buchanan & Lyall, 4
Campbell & Thayer
Cereals Mfg. Co.
Childs, C. M.
Church & Co.
Dunlap, R. & Co., 2
Edison Electric Illuminating Co.
Fuchs & Lang
Gill, Thomas
Greenfield's, E. Son & Co., 2
Graves, Robt. & Co.
Hall, Bradley & Co.
Harbeck's Stores
Havemeyers & Elder, 3
Havemeyer's Sugar Refining
Co., 2
Higgins, C. S. & Son, 2
Hobbs, R. S. & Co., 2
International Packing Co.
Iron Clad Can Co.
Kings County Penitentiary, 2
Long Island Brewing Co.
McLoughlin Brothers, 3
Mairs, W. H., 4

USERS OF THE HALE ELEVATOR.—Continued.

Masury, J. W. & Son
N. Y. Dyewood Extract and
Chemical Co.
Niagara Meter Co.
Obermeyer & Liebmann
Peak, W. N.
Pfizer, C. & Co., 2
Planet Mills
Pond's Extract Co., 2
Praher, L. & Bro.
Pratt Manufacturing Co., 2
Reeves & Church
Reliable Steam Power Co.
Reynolds, Pratt & Co., 2
Rockwell, J. S. & Co., 2
Ronalds & Co.
Schieren, C. A. & Co.
Seitz, N. & Sons
Squibb, E. R.
Stutz, Lewis
Taaf, J. P., 2
Union Porcelain Works
Vigilius, Wm.
Vosburgh Mfg. Co.
Wade, H. D. & Co.
Watson, Thomas & Co.
Williamsburgh Brewing Co.

BRUNSWICK, GA.

HYDRAULIC PASSENGER.
Oglethorpe Hotel

BUFFALO, N. Y.

HYDRAULIC PASSENGER.

Barnes, Hengerer & Co., 2
Broezel House
German Insurance Co.
Haven, Jacob F.
Iroquois Hotel
Lewis Block
Niagara Hotel

HYDRAULIC FREIGHT.

Barnum, S. O.
Barnes, Hengerer & Co., 3
Iroquois Hotel, 3
Warner Brothers & Co., 4

STEAM FREIGHT.

American Glucose Co., 2
Barnes, Bancroft & Co.
Jewett & Root
N. Y., Lake Erie & Western
R. R. Co., 2
Pratt & Co.

BELT MACHINES.

Barnes & Bancroft
Buffalo Grape Sugar Co.
Bullymore, Richard
Bush & Howard
Jewett & Root

BURLINGTON, IOWA.

HYDRAULIC PASSENGER.

Barrett House

HYDRAULIC FREIGHT.

Baul, John & Sons
Rand, F. D.
Schramm, J. S.
Wyman & Rand Furniture Co.

BURLINGTON, VT.

HYDRAULIC FREIGHT.

Providence Orphan Asylum and
Hospital
Wells, Richardson & Co.

BURRILLVILLE, R. I.

BELT MACHINES.

Steele & Tinkham

CALVARY, ILL.

HYDRAULIC PASSENGER.

Kirk, Mrs. J. S. (residence)

CAMDEN, N. J.

BELT MACHINES.

Comly, B. H.
Scull, M. S.

CATSKILL, N. Y.

BELT MACHINES.

Catskill Woolen Mills

CHARLESTOWN, MASS.

HYDRAULIC FREIGHT.

Crosby Steam Gauge & Valve Co.

CHARLESTON, S. C.

HYDRAULIC PASSENGER.

Charleston Hotel
Pavilion Hotel

BELT MACHINES.

Kohn, Furchgott & Co.
Valk & Murdock Iron Works

CHATTANOOGA, TENN.

HYDRAULIC PASSENGER.

First National Bank
Keystone Building
Richardson Building

STEAM AND HYDRAULIC HOISTS.

Chattanooga Iron Co.
Citico Furnace Co.

CHESTER, N. J.

STEAM AND HYDRAULIC HOISTS.

Taylor, W. J. & Co. (Chester
Furnace)

CHESTER, PA.

BELT MACHINES.

Patterson Mills Co.

CHICAGO, ILL.

HYDRAULIC PASSENGER.

Abstract Building, 2
Adams Express Building, 3
Adams, John Q.
Andrews' Building
Ashland Block
Atlantic Hotel
Auditorium, 4
Baird & Bradley (Hoyne Bldg.)
Bartlett, Francis
"Beaurivage" Ap. House
Belding Brothers & Co.
Boston Store
Borden Block, 2
Borden Building
Borden, John (residence)
Bradley, Wm. H. (residence)
Bryan Block
Bryant Block
Burdett, H. A. (residence)
Calumet Building, 2
Calumet Club House
Caton, J. D. (residence)
Chamber of Commerce Safety
Vault Co., 8
Chicago, Burlington & Quincy
R. R. Co.'s Offices, 3
Chicago Carpet Co.
Chicago Club House
Chicago Home for Incurables
Chicago Manual Training Sch'l
Chicago Opera House Bldg., 4
Chicago & North-Western R. R.
Co.'s Offices, 2
Chicago Telephone Co.

Chic. & Western Ind. R. R. Co.

Cisco Building
Citizens Bank Building
City National Bank Building
Clifton House
Commerce Building, 2
Commercial Hotel
Commercial Nat'l Bank Bldg., 2
Cook County Court House, 4
Cook County Hospital, 2
Cooper, A. J., 2
Counselman Building, 2
Cutting Building
Dakota Building
Dickey & Manierre Building
Doane, J. W. (residence)
Ely Building
Fair, The, 2
Farwell, John V. (residence)
Field, Marshall & Co. (retail) 3
First National Bank Building, 3
Gault House
Grant, Miss, Seminary
German Hospital,
Hale Building
Hale, W. E., (residence)
Harding Building
Hawley Building
Hayes, Justin
Henning & Speed Block
Higinbotham, H. N.
Hildreth, C. H. & Co.
Hobbs Building
Hobbs, J. B., 2
Holton, C. C.
Home Ins. Co.'s Office Bldg., 5
Honore Building, 2
Hotel Richelieu
Houghton Flats
Howard, W. B. (residence)
Howard Block
Illinois Bank Building, 2
Illinois Staats-Zeitung Building
Insurance Exchange, 3
Jaeschkes Flats
Jewelers' Exchange, 3
Johnson Estate
Jones, N. S. (residence)
Keith, Edson & Co.
Kent Building
Lafayette Block
Lees Building
LeMoine, W. M.
Leiter, L. Z. Fifth Avenue and
Monroe
Leiter, L. Z., 67 Washington St.
Leiter, L. Z., 199 Madison St.
Leiter, L. Z., Gossage Store, 3
Leiter, L. Z., Lakeside Building
Leiter, L. Z., Nee Bau Building
McCormick Block
McCormick, Mrs. Cyrus H. (resi-
dence)
McCormick Harvesting Machine
Co.'s Offices
McCormick, L. J.
McCoy's Hotel
McLennan Block
McWilliams, J. G. (residence)
Marble, A. J.
Major Block, 2
Mandel Bros., 2
Manierre Building
Mason & Miller Building
Masury, Ap. House
Mentor Building
Metropolitan Block, 2
Moutauk Block, 2
Moore, W. T. & Co.
Nat'l Life Ins. Co.'s Bldg., 2
Nickerson, S. M. (residence)
Nixon Building
"Ontario" Ap. House
Otis, F. R.
Owings Building, 3
Palmer House, 2
Palmer, Potter (residence)
Parker Building, 2

Phoenix Insurance Co.'s Office

Building, 5
Portland Block, 2
Prentice, Sartell (residence)
Presbyterian Hospital, 2
Pullman Palace Car Co.'s Office
Building, 4
"Ravenna" Ap. House
Reaper Block
Rialto Building, 6
Rookery Office Building, 10
Royal Ins. Co.'s Building, 5
St. Luke's Hospital
Schlesinger & Mayer, 2
Seipp, Conrad
Sheldon Building
Skinner, Mark (residence)
Stager, Anson (Estate)
Stevens, W. C.
Stewart Building, 2
Studebaker Building
Studebaker Brothers' Building,
Michigan Avenue
Superior Block
Tacoma Building, 4
The Home for Incurables
"The Walton" Ap. House
Tribune Building
Unity Building
Union League, 2
University Club Building
U. S. Custom House and Post
Office, 3
Watrous, C., 2
Weber Music Hall
Wheeler & Wilson Sewing Ma-
chine Co.
Willing, H. J. (residence)
Willoughby, Hill & Co., 2
Women's & Children's Hospital
Woodruff House
Young, Otto

HYDRAULIC FREIGHT.

Adams, J. Q., 2
Adams Express Building, 3
American Express Co.
Auditorium Building, 4
Bacon Building, 2
Barber & Ingram
Calumet Club House
Carson, Pirie, Scott & Company,
(wholesale)
Chicago Club House
Chicago Fuel & Light Co.
Chicago Manual Training Sch'l
Chicago Telephone Co.
Chicago & Western Indiana R.
Co., 5
Clement Building, 2
Clough, John H.
Day Building
Donohue & Henneberry, 2
Fair, The, 2
Field, Marshall & Co. (ware-
house)
Field, Marshall & Co. (whole-
sale)
Hale Building
Hildreth, C. H. & Co.
Hobbs, J. B., 2
Holton, C. C.
Home Insurance Co. Building
Hotel Richelieu
Inter-Ocean Building
Keith, Edson & Co., 2
Leiter, L. Z.
Mandel Bros., 2
Mason & Hamlin Organ Co.
Masury, John W. & Son
McCagg, Mrs. C. O., 2
McCormick, L. J., Building
McCormick Harvesting Machine
Co., 2
McLennan Block
Michener Packing House
Mundell, John & Co.
Murphy Varnish Co.

USERS OF THE HALE ELEVATOR.—Continued.

National Life Insurance Co.
 Nellis, Smith & Co.
 Newberry Estate, 4
 Nichols, E. R. & Co.
 Nickerson Building
 "Ontario" Ap. House
 Otis, F. R.
 Pennsylvania Railroad Co.
 Phillips, J. H. & Co.
 Presbyterian Hospital
 Pullman Palace Car Company's
 Office Building
 Reynolds Estate
 Rookery Building
 Sargent, Greenleaf & Brooks
 Seeley Brothers
 Sheldon Building
 Sheppard Building
 Skinner Building
 Steele, Wedeles & Co.
 Stewart Building
 Stone, H. O., Estate
 Strong, Henry, 4
 Taylor Building
 U. S. Custom House and Post
 Office, 6
 Union Bag and Paper Co.
 Union League Club
 Wadsworth, T. W., 2
 Wallace Building, 2
 Wheeler & Wilson S. M. Co.
 Western Refrigerator Co., 6
 White Building
 Whitehouse, W. F.
 Williams, H. W., 2
 Young, A. McD.

STEAM PASSENGER.

Borden, Wm.
 Botsford, J. K.
 Fisk, D. B.
 Jewett, S. S.
 Smith, Perry H., Jr.

STEAM FREIGHT.

Butler, J. W., Paper Co.
 Chapin & Gore
 Chamber of Commerce Building
 Chicago Water Works Tunnel
 Company
 Field, Marshall & Co. (retail)
 Gossage, Chas. & Co.
 Hibbard, Spencer & Co., 4
 Jewett, S. S., 2
 Jones, J. M. W. Printing Co.
 Kirk, James S. & Co.
 Leopold Brothers & Co.
 Lewisoohn, George
 Owings, F. P., 2
 Palmer House
 Partridge, C. W. & F.
 Peck, P. F. W.
 Reed, J. H.
 Rialto Building
 Rosenfield & Rosenburg
 Seipp, Conrad
 Sibley Warehouse, 6
 Stien, J. M.
 Strong, Henry,
 Thatcher, G. S.
 Williams & Ferry

BELT MACHINES.

Armour Elevator
 Ryerson, J. T. & Son
 Schneider, E. & Co.
 Sheppard Building
 Silberhorn, W. H.
 STEAM AND HYDRAULIC HOISTS.
 Insurance Exchange
 Phoenix Insurance Co's Office
 Building
 Rialto Building
 Rookery Building, 2
 Thos. Houston Electric Co.
 Union Steel Co., 2

CHICOPEE, MASS.

BELT MACHINES.

Ames Sword Company.

CINCINNATI, O.

HYDRAULIC PASSENGER.

Albany Building
 "Alta" Ap. House
 "Brittany" Ap. House
 Chamber of Commerce, 2
 Ebersole, J.
 Feder, H. & G.
 Gibson House
 Glenn Building
 Hooper, Wm., 2
 "Lombardy" Ap. House
 Hotel "Emery"
 Miller Building
 "Ortiz" Ap. House
 Palace Hotel, 2
 Pike's Opera House Building, 2
 Pogue, H. & S., 3
 St. Clair Hotel
 St. Nicholas Hotel
 "St. Paul" Ap. House
 Scarborough Building
 Selves Building
 Sinton, David, 2
 United Bank Building

HYDRAULIC FREIGHT.

Feder, H. & G.
 Lincoln, F. D.
 Moerlein, Christian
 "Ortiz" Ap. House

STEAM FREIGHT.

Bohen, Mack & Co.
 Cleueay, J. S. & Bro.
 Fechheimer, M. & L. S. & Co., 2
 Griffith, Jas. & Sons
 Kuhn, Netten & Co.
 McAlpin, G. W. & Co.
 Mack Bros.
 Seasongood, J. & S.
 Shillito, Jno. & Son
 Simon, B. & Co., 3
 Stadler Bros. & Co., 2
 Stix, L. & Co., 2
 Suire, F. E. & Co.
 Trounstine, A. & J. & Co., 2

BELT MACHINES.

Griffith, Jas. & Sons
 Kuhn, Netten & Co.
 Sargent, Winkle & Hinkle
 Shillito, The John Co.
 Winchell, Marsh & Co.

CLAYVILLE, N. Y.

BELT MACHINES.

Empire Woolen Mills

CLEVELAND, O.

HYDRAULIC PASSENGER.

Benedict Block
 Blackstone Building (J. B. Perkins)
 Brainard Building
 County Court House, 2
 Cyclorama Panorama Bldg.
 Euclid Avenue Building
 Grand Arcade (W. C. Scofield)
 Herenden, A. S. Furniture Co.
 Hollenden Hotel, 2
 Kendall Building
 Kennard House
 Lennox Apartment House
 "Lincoln" Ap. House
 L. S. & M. S. R. R. Co.'s Office
 Building, 2
 Merchants' National Bank
 Nottingham Building
 Rust Building, 2
 "Stillman" Ap. House

Society for Savings Building, 3
 "Wilshire" Building (J. B. Perkins) 2
 Williamson Block

HYDRAULIC FREIGHT.

Adams, F. C. & Co. (J. B. Perkins)
 American Lubricating Co.
 Cyclorama Panorama Co.
 Davis & Hunt
 Ellis, J. C.
 Hotel Hollenden, 2
 Leek, Doering & Co. (J. B. Perkins)
 McAllister & Dall
 Meriam & Morgan Paraffine Co
 Osborne, D. M. & Co.
 Power Block (J. B. Perkins)
 Richardson, Lewis
 Society for Savings Building
 Williamson Building
 "Wilshire Building" (J. B. Perkins)

STEAM FREIGHT.

Bingham, W. & Co.
 Herenden, A. S. Furniture Co.
 Robinson & Oviatt
 Saxton, D. B. & Co., 4
 Taylor & Boggis Foundry Co.

BELT MACHINES.

Adams, Jewett & Co.
 Chisholm Steel Shovel Works
 Koch, Goldsmith, Joseph & Co.
 Perkins, J. B., 2
 Smith & Curtis
 Stephens, A. & Son
 Variety Iron Works

STEAM AND HYDRAULIC HOISTS.

Newburgh Furnace Co.
 Otis Iron & Steel Co.
 Union Rolling Mill Co.
 Union Steel Screw Co.

CLIFTON SPRINGS, N. Y.

STEAM PASSENGER.

Clifton Springs Sanitarium.

CLINTON, N. Y.

BELT MACHINES.

Clinton Iron Co.

COHOES, N. Y.

HYDRAULIC PASSENGER.

Harmony Hotel

COLORADO SPRINGS, COL.

HYDRAULIC PASSENGER.

Bank Building Association

COLUMBUS, O.

HYDRAULIC PASSENGER.

Neil House
 Osborn Building

CONEY ISLAND, N. Y.

HYDRAULIC PASSENGER.

Oriental Hotel

COUNCIL BLUFFS, IA.

HYDRAULIC PASSENGER.

Deaf and Dumb Institute

COWAN, TENN.

STEAM AND HYDRAULIC HOISTS.

Tennessee Coal & Iron Co.

CROWN POINT, N. Y.

STEAM AND HYDRAULIC HOISTS.

Crown Point Iron Co., 2

DAVENPORT, IA.

HYDRAULIC PASSENGER.

Kimball House
 McCullough, W. J. & F. J.
 Schmidt, W. O.

DALLAS, TEXAS.

HYDRAULIC PASSENGER.

Dallas Club House
 North Texas National Bank
 Sanger Bros.
 Windsor Hotel

HYDRAULIC FREIGHT.

Blakenship & Blake
 Sanger Bros., 2

DANBURY, CONN.

HYDRAULIC FREIGHT.

Danbury & Bethel Gas and Electric Light Co.

BELT MACHINES.

Hall, F. A. & Co.

DANVILLE, PA.

STEAM AND HYDRAULIC HOISTS.

North Branch Steel Co., 3

DAYTON, O.

HYDRAULIC PASSENGER.

Beckel Estate
 Kuhn's Block
 St. Elizabeth's Hospital

DAYTON, TENN.

STEAM AND HYDRAULIC HOISTS.

Dayton Coal & Iron Co., 2

DECATUR, ALA.

STEAM AND HYDRAULIC HOISTS.

Decatur Land Imp't & Furnace Company

DENVER, COL.

HYDRAULIC PASSENGER.

Barclay Block
 Cheesman Block
 Daniels & Fisher, 2
 Evans Block, 2
 Gumry, P.
 Jacobson Building
 Patterson, Chas. B.
 Patterson & Thomas Building
 Tabor Block
 Tabor Opera House Building
 Tritch Building
 Windsor Hotel

HYDRAULIC FREIGHT.

Barclay Block
 Colorado Mortgage & Investment Co.
 Daniels & Fischer
 Duff, James & Co., 2
 Patterson & Thomas
 Tritch Building

DERBY, CONN.

BELT MACHINES.

Derby Building Co.

DES MOINES, IA.

HYDRAULIC PASSENGER.

Aborn House
 Kirkwood House
 Savory House
 Yonkers Bros.

HYDRAULIC FREIGHT.

Hewett, Chas.
 Kirkwood House

USERS OF THE HALE ELEVATOR.—Continued.

Lederer, Strauss & Co.
Redhead & Wellslager
The Riegelman Building
Warfield & Howell

BELT MACHINES.
Savery House

DETROIT, MICH.

HYDRAULIC PASSENGER.
Alger, Gen. R. A. (residence)
Baldwin, Gov. H. P. (residence)
Black, J. H. & Co.
Board of Trade
Buhl Block
Burnham, J. K. & Co.
Burns Block
Butler Building
Campau Building, 2
Campau Hotel
City Hall, 2
Day, Campbell & Co.
Detroit Business University
Detroit "Free Press."
Detroit Opera House
Detroit Savings Bank Building
Edson, Moore & Co.
Elliot, W. H.
"Fair," The
Fyfe, R. H. & Co.
Gillis, Ransom (residence)
Grace Hospital
Hammond Building, 3
Harper Hospital
Hotel Cadillac
Hudson, J. L. & Co.
Heyn Bros.
Keck, Winterhalter & Co.
Leonard & Carter Furniture Co.
Mabley & Co. (Clothing House)
Mabley & Co. (Bazaar)
Michigan Exchange Hotel
Miller & Bissell
Moffat Building, 2
Moore, Geo. F. (residence)
Newberry Building
Newcomb, Endicott & Co.
Owen, John
Peck, George & Co.
Rabaut, Madame
Rohm & Son
Rohn & Son
Roos, Mine.
Russell House
Sarmiento, F. J. & Co.
St. Mary's Hospital
Selling Brothers & Sinn
Smith, L. A. & Co., 2
Smith, M. S. & Co.
Stevens, Mrs. Capt. W. H.
Taylor, Wolfenden & Co.
Telegraph Block
Wesson, W. B., 2
Whitney Block, 4
Whitney, C. J. (Music Store)
Whitney, D., Jr.
Whitney Opera House, 2

HYDRAULIC FREIGHT.
Black Hardware Co.
Burnham, J. K. & Co.
Coltrin, L. & Co.
Davis, Jas. E. & Co., 2
Davis, John & Co.
Detroit "Free Press."
Dickerson, F. B. & Co.
Edson, Moore & Co., 2
Ferry, D. M. & Co., 5
Ferry, D. M., 3
Foster, G. T. & Co.
Grace Hospital
Gray & Baffy
Hill, Geo. B.
Leonard & Carter Furniture Co.
Mabley & Co. (Bazaar)
Newcomb, Endicott & Co.
Smith, L. A. & Co.

Standart Bros.
Stevens, Mrs. Capt. W. H.
Whitney, D., Jr.
Whitney Block, 3

STEAM FREIGHT.
Ducharme, Fletcher & Co.
Moffatt Building

BELT MACHINES.
Banner Tobacco Co., 2
Beardsley, C. A.
Bollis, J. E. & Co.
Detroit Stove Works, 3
Hargreaves G. & Bro.
May Flower Tobacco Works, 3
Michigan Stove Co.
National Wire & Iron Works
Ryan Brothers
Union Iron Company.
Voight, E. W.

STEAM AND HYDRAULIC HOISTS.
Union Iron Co.

DOBB'S FERRY, N. Y.
HYDRAULIC PASSENGER.
Field, Edward M. (residence)

DULUTH, MINN.
HYDRAULIC PASSENGER.
Board of Trade
Grand Opera House
Pastoret & Stinson
St. Louis Hotel
Spencer Block

HYDRAULIC FREIGHT.
Wheeler, H. W.

DUNBAR, PA.
STEAM AND HYDRAULIC HOISTS.
Dunbar Iron Works

DUNCANNON, PA.
STEAM AND HYDRAULIC HOISTS.
Duncannon Iron Works

EASTON, PA.
HYDRAULIC FREIGHT.
Bixler & Correll
Tomblor, H. G.

EAST CAMBRIDGE, MASS.
HYDRAULIC PASSENGER.
Squire, John & Co., 3

EAST SAGINAW, MICH.
HYDRAULIC PASSENGER.
Bancroft House.
Barie, Wm.
Burt, W. R. (residence)
Flint & Pere Marquette R. R.
Depot

HYDRAULIC FREIGHT.
Stewart, James & Co.

ELGIN, ILL.
HYDRAULIC FREIGHT.
Elgin National Watch Co.
Northern Insane Asylum.

ELMIRA, N. Y.
HYDRAULIC PASSENGER.
Robinson, D. C.
BELT MACHINES.
Robinson, D. C.

EL PASO, TEX.
STEAM AND HYDRAULIC HOISTS.
Consolidated Kansas City Smelt-
ing and Refining Co.
Mexican Oil Co.

ERIE, PA.
BELT MACHINES.
Davenport, Fairbairn & Co.
Jarecki Mfg. Co.

ESSEX, CONN.
BELT MACHINES.
Essex Paint Works

EUREKA SPRINGS, ARK.
HYDRAULIC PASSENGER.
Crescent Hotel

EVANSTON, ILL.
HYDRAULIC PASSENGER.
Woman's College.

EVANSVILLE, IND.
HYDRAULIC FREIGHT.
St. George Hotel

FALL RIVER, MASS.
HYDRAULIC FREIGHT.
Brown, E. S.
BELT MACHINES.
Wamsutta Woolen Mills

FISHKILL, N. Y.
BELT MACHINES.
Tompkins, L.

FITCHBURG, MASS.
HYDRAULIC PASSENGER.
Wallace Library & Art Building

FLORENCE, MASS.
BELT MACHINES.
Florence Sewing Machine Co., 3

FORDHAM, N. Y.
HYDRAULIC PASSENGER.
Home for Incurables

FORDHAM HEIGHTS, N. Y.
STEAM AND HYDRAULIC HOISTS.
Page, Cary & Co. (New Aque-
duct, Shaft 18½)

FORTRESS MONROE, VA.
HYDRAULIC PASSENGER.
Hygeia Hotel, 2

FORT SCOTT, KAS.
HYDRAULIC PASSENGER.
Inter-State Hotel Co.

FORT SMITH, ARK.
HYDRAULIC FREIGHT.
Anheuser-Busch Brewing Co.

FORT WAYNE, IND.
HYDRAULIC PASSENGER.
Wayne Hotel

HYDRAULIC FREIGHT.
Carnahan, Hanna & Co.
Coombs & Co.
Kerr, Murray (Murray Mfg. Co.)
Morgan & Beach
Trentman, A. C.
Wagner, H. G.

FORT WORTH, TEX.
HYDRAULIC PASSENGER.
Board of Trade Building
Ellis House
Ft. Worth Loan & Conv. Co.
Powell, E. E.

FOUNTAIN MILLS, PA.
STEAM AND HYDRAULIC HOISTS.
Everson, Knapp & Co.

FREEHOLD, N. J.
BELT MACHINES.
Perrine, D. C.

GALVESTON, TEX.
HYDRAULIC PASSENGER.
Beach Hotel
Tremont House
BELT MACHINES.
Fox, G. & Co.
Kaufman & Rogers
Willis, P. J. & Brother

GARDEN CITY, L. I., N. Y.
HYDRAULIC PASSENGER.
St. Paul's Cathedral School

GARDINER, MASS.
HYDRAULIC FREIGHT.
Heywood Brothers & Co.
BELT MACHINES.
Heywood Brothers & Co.

GLENDAL, MONTANA.
BELT MACHINES.
Hecla Consolidated Mining Co.

GRAND FORKS, DAK.
HYDRAULIC PASSENGER.
Grand Forks Hotel

GRAND RAPIDS, MICH.
HYDRAULIC PASSENGER.
City Hall
Cody, Ball & Co.
Kidder, E. P. & Co.
Houseman, Julius
Houseman, May & Co.
Kendall, George
Leonard, H. & Sons
Nelson, Matter & Co.
Soldiers' Home
Stevens, Wilder D.
Voigt, Herpolsheimer & Co.
HYDRAULIC FREIGHT.

Barnhart Block, 3
Bunting & Shedd
Clark & Jewell
Diamond Wall Finishing Co.
Gilbert, Thomas D., 5
Grand Rapids Packing and Pro-
vision Co.
Kreckel & Bertsch
McMullen Building
Moseley Brothers
Shields, Bulkeley & Lemon

GREENFIELD, MASS.
HYDRAULIC PASSENGER
Mansion House

GROTON, CONN.
HYDRAULIC PASSENGER.
Sturtevant, A. P.

HAGERSTOWN, MD.
HYDRAULIC PASSENGER.
Baldwin House

USERS OF THE HALE ELEVATOR.—Continued.

HANNIBAL, MO.

HYDRAULIC PASSENGER.
Park Hotel

HARRISBURG, PA.

HYDRAULIC PASSENGER.

Bolton House
Harrisburg Telegram
Leland Hotel
State Capitol

STEAM AND HYDRAULIC HOISTS.
Lochiel Rolling Mill Co.

HARTFORD, CONN.

HYDRAULIC PASSENGER.

Charter Oak Life Ins. Co.
Goodwin, J. J. & F., 2
Hartford Trust Co.
Hills, Isaac (Estate)
Hotel Capitol
Judd & Root
U. S. Post Office

HYDRAULIC FREIGHT.
Goodwin, J. J. & F.
Judd & Root, 2

STEAM FREIGHT.
Foster & Co.

BELT MACHINES.
Batterson, J. G., 3
Boardman, W. & Sons
Howard, James L. & Co., 2
Jewell Belting Co.
Mallory, H. & Co.
Plimpton Mfg. Co.
Pratt & Whitney Co.
Sharpe Rifle Co.
Smith, Northam & Co.
The "Churchman."

HELENA, MONT.

HYDRAULIC PASSENGER.
Bailey, W. G.
Hotel Helena
Merchants' National Bank
Powers, T. C.
Sands Brothers

HYDRAULIC FREIGHT.
Bailey, W. G.

HIGHLAND FALLS, N. Y.

STEAM PASSENGER.
Cranston's Hotel

HOBOKEN, N. J.

BELT MACHINES.
Keuffel & Esser
McLaren, John

HOLYOKE, MASS.

HYDRAULIC PASSENGER.
Holyoke House
Windsor Hotel

BELT MACHINES.
Germania Mills
Holyoke Paper Co.
Riverside Paper Co.
Union Paper Mfg. Co.

HOMER, N. Y.

BELT MACHINES.
Wire Fabric Co.

HOOSICK FALLS, N. Y.

BELT MACHINES.
Wood, W. A.

HOT SPRINGS, ARK.

HYDRAULIC PASSENGER.

Arlington Hotel
Avenue Hotel
Hay House
Hotel Eastman, 2
United States Hotel

HYDRAULIC FREIGHT.
Miller, Stearnes & Co.

HOT SPRINGS, N. M.

HYDRAULIC PASSENGER.
Montezuma Hotel

HOUSTON, TEX.

HYDRAULIC PASSENGER.

Capitol Building
Capitol Hotel
Hutchins House

BELT MACHINES.
McIlhenny Co.

HUBBARD, O.

STEAM AND HYDRAULIC HOISTS.
Andrews, Hitchcock & Co.

HUDSON, WIS.

HYDRAULIC PASSENGER.

Oliver Wendell Holmes' Hospital

ILION, N. Y.

BELT MACHINES.
Remington, E. & Sons

INDEPENDENCE, MO.

HYDRAULIC FREIGHT.
Nicholl, G. M.

INDIANAPOLIS, IND.

HYDRAULIC PASSENGER.

Byram, Cornelius & Co.
Board of Trade
Bates House
English Opera House Block
Gall, Albert
New Denison House
Thrope Block
U. S. Court House and Post Office
Vance Block
Wasson, H. P. & Co.
Wrights Block

HYDRAULIC FREIGHT.

Bowen, Silas F.
Conduitt, A. B. & Sons
Hauelsen, Wm.
Layman, Carey & Co.
Mayer, Chas. & Co.
Meyer, Charles
Stewart, Daniel
Schurman, Ed.

BELT MACHINES.
Douglas & Conner
Indianapolis "Sentinel."

IRONATON, ALA.

STEAM AND HYDRAULIC HOISTS.
Clifton Iron Co.

IRONDALE, N. Y.

STEAM AND HYDRAULIC HOISTS.
Millerton Iron Co.

JACKSONVILLE, FLA.

HYDRAULIC PASSENGER.
Windsor Hotel

HYDRAULIC FREIGHT.

Drew, Geo. F. & Co.
Foster, Geo. R. & Co.
Hubbard, S. B. & Co.
McCombe, George L., 2
Mumby, Stockton & Knight
Shoemaker, R. M.

JAMAICA PLAIN, MASS.

HYDRAULIC PASSENGER.

Keller, Mrs. C. E., M. D. (residence)

JERSEY CITY, N. J.

HYDRAULIC PASSENGER.

First National Bank
Hanley, P. H.

HYDRAULIC FREIGHT.
Colgate & Co., 2
Hanley, P. H.

STEAM FREIGHT.
Jarvis, A. S., 2
Mattheissen, F. O. & Weicher's
Sugar Refining Co.

BELT MACHINES.
Baker, H. J. Bros.
Dodge, M. A.
Dixon, Jos. (Crucible Works), 2
Evening Journal, 2
Havemeyer, Eastwick & Co.
Lorillard, P. & Co., 10
Patent Gas & Water Pipe Co.
U. S. Express Co.'s Stables

JOHNSTOWN, PA.

STEAM AND HYDRAULIC HOISTS.
Cambria Iron Co., 4

JONESBORO, ALA.

STEAM AND HYDRAULIC HOISTS.
DeBardleben Coal & Iron Co., 2

KALAMAZOO, MICH.

HYDRAULIC PASSENGER.
Clark's, W. B. Sons
Michigan Young Ladies' Seminary

KANSAS CITY, MO.

HYDRAULIC PASSENGER.
American Bank Building, 2
Blossom House
Bortin, Welsh & Co.
Bullene Moores & Emery, 3
Bullene, Moore, Emery & Co., 3
Centropolis Hotel
Clifton House
Coates House, 2
Deardorff Buildings, 3
Delaware Block
Doane, L. F.
Emmons Building
Frazer Building
Gibraltar Building
Gunn, O. B., Ap. House
Hammerslough & Co.
Hewson, James
Holmes, Walton
Huling, George D.
Jenkins, A. P.
Kansas City Exchange, 5
Kansas City Stock Exchange
Kansas City "Times."
Lathrop & Smith Building
Mason Building
National Bank of Kansas City
Nelson & Weller Building, 2
New York Life Insurance Co., 4
Norton Ap. House
Rialto Building

Ridge & Denny
Roll, Thayer & Williams
Security Investment Co.'s Office Building
Sheidley Block
Simpson & Thornton Building
St. James Hotel
Taylor, John
Thayer Building
The "Midland" Hotel, 3
Underwriters' Exchange Bldg.
Union Pacific R. R. Offices
Vanest & Graves
Wales Building
Walworth Building
Warder Opera House

HYDRAULIC FREIGHT.

Adams, C. F.
Bacon, Langston
Bullene, Moore, Emery & Co.
Centropolis Hotel
Coates, K., 2
Deardorff Building
Frazer, Alexander
Green, T. & Co.
Grimes, Wm. B. (Dry Goods Co.)
Hainton, P. C.
Hewson, James
Holmes, Walton
Long Brothers, 2
Mast, P. P.
Marty, Albert, 2
McCord & Nave Mercantile Co.
McLean, Benj.
Meyer Brothers Drug Co.
New York Life Insurance Co.
Nichols, Shepard & Co.
Oglebay, J. H.
Richards, J. F.
Richards & Conover Hardware Co.
Ridenour, Baker & Co., 2
Ridge, Thos. S.
Ryley, Eby & Co.
Ryley, Watson & Co.
Scarritt, Nathan
Schaefer, George
Strong & McGibben
Swope, Thos. H.
Terrill, N. B.
Wingate, E. B.

STEAM FREIGHT.

Bulline, Moore & Emery, 2
Midland Hotel, 2
Kansas City Belt R. R. Co.
Kansas City Cable Railway Co.
Kansas City Exchange

BELT MACHINES.

Kansas Glue & Fertilizer Co.

STEAM AND HYDRAULIC HOISTS.

Kansas City Exchange, 2
New York Life Insurance Co.

KEOKUK, IA.

HYDRAULIC FREIGHT.

Irwin, Phillips & Co.

KNOXVILLE, TENN.

HYDRAULIC PASSENGER.

Thompson, M. F.
Bayless & Burns

KREISCHERVILLE, S.I.N.Y.

BELT MACHINES.

Kreischer, B. & Sons

LA CROSSE, WIS.

HYDRAULIC FREIGHT.

Anderson, Mons & Sons

USERS OF THE HALE ELEVATOR.—Continued.

LA FAYETTE, IND.

HYDRAULIC FREIGHT.

Perrin Bros.

BELT MACHINES.

La Fayette Agricultural Works

LA PORTE, IND.

HYDRAULIC PASSENGER.

Barnes, Julius

LAKE GEORGE, N. Y.

HYDRAULIC PASSENGER.

Sagamore House

LAKEWOOD, N. J.

HYDRAULIC PASSENGER.

Laurel House

LAKEWOOD, N. Y.

HYDRAULIC PASSENGER.

"Sterlingworth Inn."

LANCASTER, PA.

HYDRAULIC PASSENGER.

Stevens House

LANSING, MICH.

HYDRAULIC PASSENGER.

State Capitol

LARAMIE CITY, WYO.

HYDRAULIC FREIGHT.

Trabing Bros.

LAS VEGAS, N. M.

HYDRAULIC PASSENGER.

A., T. & S. F. R. R.

LAWRENCE, MASS.

HYDRAULIC FREIGHT.

Pacific Mills, 8

LEADVILLE, COL.

HYDRAULIC PASSENGER.

Tabor Grand Hotel

LEAVENWORTH, KAS.

HYDRAULIC PASSENGER.

Ettenson, Henry & Co.
Manufacturers' Bank Building
Reyburn, W. S.

HYDRAULIC FREIGHT.

Abernathy, Hall & Co.

BELT MACHINES.

Great Western Mfg. Co.

LEBANON, PA.

STEAM AND HYDRAULIC HOISTS.

Lickdale Iron Co.

LEWISTON, PA.

STEAM AND HYDRAULIC HOISTS.

Glamorgan Iron Co.

LEXINGTON, KY.

HYDRAULIC PASSENGER.

Berkley, Guthrie & Watson

LINCOLN, NEB.

HYDRAULIC FREIGHT.

Raymond Brothers

LITTLE FALLS, N. Y.

BELT MACHINES.

Barnet, J. S. & Brother

LITTLE ROCK, ARK.

HYDRAULIC PASSENGER.

Allis, H. G.

Blass, Gus & Co.

Watkins, C.

HYDRAULIC FREIGHT.

Blass, Gus. & Co.

STEAM FREIGHT.

Little Rock Oil & Compress Co.

LORDSBURGH, CAL.

HYDRAULIC PASSENGER.

Lordsburgh Hotel

LOS ANGELES, CAL.

HYDRAULIC PASSENGER.

Bellevue Terrace
Bryson & Bonebrake
Hollenbeck Hotel
Los Angeles City Hall
Los Angeles Furniture Co.
Los Angeles National Bank
Nadeau Hotel
Phillips Block
Pickett Villa
Westminster Hotel
Wilson Block

HYDRAULIC FREIGHT.

Childs, O. W.
Hellman, I. W.
Raymond Hotel (Pasadena)

LOUISVILLE, KY.

HYDRAULIC PASSENGER.

Alexander Hotel
Commercial Club Building, 3
Courier-Journal Building
Fidelity Loan & Trust Co.
Fonda Ap. House
Galt House
Hotel "Seelbach"
Kenyon Building
Kentucky National Bank
Louisville Hotel
McKnight, W. H. & Co.
Seashols, J. C.
Wilder, J. B. (Estate)

HYDRAULIC FREIGHT.

Courier-Journal Building
Kruger, Jacob
Louisville Public Warehouse Co., 2
McKnight, W. H. & Co.
Peterson, Joseph
Phoenix Storage Co., 2
Taylor, Mary L. (Trustee), 2
Wilder, J. B. (Estate)

STEAM FREIGHT.

Bamberger, Bloom & Co.
Galt House, 2
Louisville Hotel
Newcomb, D. H. & Co.
Southern Warehouse & Transfer Co., 3
Wilson & Peter

BELT MACHINES.

Avery, B. F. & Sons, 2
Galt House
Louisville Hotel
Newcomb, H. D. & Co.

LOW MOOR, VA.

STEAM AND HYDRAULIC HOISTS.

Carter & Stevenson
Low Moor Iron Co.

MACKINAW ISLAND, MICH.

HYDRAULIC PASSENGER.

Plank's Grand Hotel

MACON, GA.

HYDRAULIC FREIGHT.

Coleman, S. T. & Co.
Dunlap, S. S.
Jaques & Johnson
Johnson & Harris
Nussbaum & Co.
Waxelbaum, S. & Son

MADISON, WIS.

HYDRAULIC PASSENGER.

State Capitol
Vilas, Hon. W. F., Park Hotel

MAGNOLIA, FLA.

HYDRAULIC PASSENGER.

Magnolia Hotel

MANSFIELD, O.

HYDRAULIC PASSENGER.

Gas, Hott & Sturges

MAPLEWOOD, NEW HAMP.

HYDRAULIC PASSENGER.

Maplewood Hotel

MARATHON, N. Y.

BELT MACHINES.

Dunphy, John

MARION, IND.

BELT MACHINES.

Sweet, Clark & Co.

MARQUETTE, MICH.

BELT MACHINES.

Carp River Iron Works
Marquette & Pacific Rolling Mill Co.

MEADOWS, N. J.

STEAM FREIGHT.

Penn. R. R. Co., 2

MEMPHIS, TENN.

HYDRAULIC PASSENGER.

Collier, W. A.
Cotton Exchange
Gayoso Hotel
Lowenstein B. & Bros.
Menken Bros.

HYDRAULIC FREIGHT.

Holst Building, 2
Fransiola, S. A.
Vorgili, John W.

STEAM FREIGHT.

Lowenstein, B. & Brothers, 2
Menken Bros.

BELT MACHINES.

Gayoso Hotel

MERIDEN, CONN.

HYDRAULIC PASSENGER.

Bradley & Hubbard Mfg. Co., 3
Winthrop Hotel

HYDRAULIC FREIGHT.

Bradley & Hubbard Mfg. Co., 2

BELT MACHINES.

Bradley & Hubbard Mfg. Co., 2
Meriden Britannia Co.
Meriden Woolen Co.
Wilcox, J. & Co.

MIDDLETOWN, CONN.

HYDRAULIC PASSENGER.

Alsop, Dr. J. W. (residence)

BELT MACHINES.

Douglas, W. & B.
Goodyear Rubber Co.
Wilcox, Crittendon & Co.

MIDDLETOWN, N. Y.

BELT MACHINES.

Anglo-Swiss Condensed Milk Co., 3
Babcock, Fuller & Co.
Draper, J.

MILBURN, N. J.

HYDRAULIC PASSENGER.

Renwick, F. S. (residence)

MILLHAM JUNCTION, N. J.

STEAM AND HYDRAULIC HOISTS.

Pennsylvania R. R. Co.

MILNES, VA.

STEAM AND HYDRAULIC HOISTS.

Shenandoah Iron Co.

MILWAUKEE, WIS.

HYDRAULIC PASSENGER.

Colby & Abbott Building, 2
Commercial Building, 2
Davidson Opera House
Exposition Building
Library Building, 2
Mack Building
Mitchell Bank Building
Morgan, James
N. W. Mutual Life Ins. Co.
Plankinton House
Plankinton, John (residence)
U. S. Post Office

HYDRAULIC FREIGHT.

Commercial Building, 3
Hansen Empire Fur Co.
Library Building
Mann Brothers
Mitchell Bank Building
U. S. Post Office

STEAM FREIGHT.

Pierce, R. W. & Co.

STEAM AND HYDRAULIC HOISTS.

Minerva Furnace Co.

MINNEAPOLIS, MINN.

HYDRAULIC PASSENGER.

Barnes, Hengerer, Dale & Co.
Boston Block
Bradstreet, Thurber & Co.
Casey Block
City Hall
Collom Block
Donaldson Building, 2
Eastman Block
Exposition Building
Folds & Griffiths
Hennepin Block
Hotel West, 2
Johnson Building
Kasota Block, 2
McKenney, James, Jr., 2
Minnesota Loan & Trust Building, 2
N. W. Guaranty Loan Co., 6
Sidle Block
Skiles Block
Syndicate Office Block
Travis Block
"Tribune" Building
Washburn, W. D. (residence)
Wright Building, 2

USERS OF THE HALE ELEVATOR.—Continued.

| | | | |
|---|---|---|---|
| <p>HYDRAULIC FREIGHT. Bradstreet, Thurber & Co. Coykendall Bros. & Co. Cummings, Smith & Co. Dale, Barnes, Morse & Co. Donaldson Building Dunham & Johnson Exposition Building Harrison, H. G. & Co. Harrison & Knight Hotel West, 2 Janney, Brooks & Eastman Kalkhoff, R. C. Kelley, Anthony & Co. Langdon, R. B., 3 Little, J. F., 2 Lowry & Morrison Murray, Warner & Co. Newell, G. R. & Co., 2 North Star Boot & Shoe Co. North Western Guaranty Loan Company Osborne, D. M. & Co. Oswald, J. C. & Co., 2 Shotwell, Clerihew & Lothman Travis, J. F. Wyman, Mullin & Van Dyke</p> <p>STEAM FREIGHT. North-Western Guarantee Loan Co.</p> <p>BELT MACHINES. Bradley, David & Co. Shadwald, J. W.</p> | <p>STEAM AND HYDRAULIC HOISTS. Nashville Iron & Steel & Charcoal Co., 2</p> <p>NETHERWOOD, N. J. HYDRAULIC PASSENGER. Netherwood Hotel</p> <p>NEWARK, N. J. HYDRAULIC PASSENGER. "Aldine" Ap. House "Bee Hive," (L. S. Plank & Co.) Doty, Isaac N. & Co. Eastwood John Fidelity Title & Deposit Co. Mutual Benefit Life Ins. Co.'s Building Newark Lunatic Asylum St. Barnabas Hospital "West Park Street" Ap. House</p> <p>HYDRAULIC FREIGHT. St. Barnabas Hospital</p> <p>STEAM FREIGHT. Ballantine & Co., 2 Clark Thread Company Kastner, F. J. (Brewery) Krueger, G. Tieck, C. Van Vliet, F. G. & I. N. Wilkinson, Gaddis & Co., 3</p> <p>BELT MACHINES. Ballantine & Co. Campbell & Co. Clark Mile End Spool Cotton Co. Clark Thread Co., 3 Crane & Co. Ferris Brothers Lagowitz, J. & Co. Meyer, Jacob N. J. Manufacturing Co. N. J. Zinc & Iron Co. New York Brewing Co. Peters & Calhoun Co. Rofe & Huntington Simon, E. & Bros. T. S. Electric Lighting Co., 2</p> | <p>HYDRAULIC FREIGHT. Kilmer Mfg. Co.</p> <p>STEAM FREIGHT. Chadwick Bros. Union Stove Works</p> <p>NEW CASTLE, PA. STEAM AND HYDRAULIC HOISTS. Etna Iron Works Kimberly, S. Raney & Berger</p> <p>NEW HAMBURGH, N. Y. BELT MACHINES. Garner & Co.</p> <p>NEW HAVEN, CONN. HYDRAULIC PASSENGER. Brown, F. M. & Co. New Haven House</p> <p>STEAM FREIGHT. Fresenius, P. (Brewery) Merwin, S. E. & Sons</p> <p>BELT MACHINES. Brown, Charles E. English, James E. Mallory, Wheeler & Co. Mayer, Strouse & Co. New Haven Hardware Co. New Haven Wheel Co. Peck Brothers & Co. Sargent & Co., 6 Winchester Repeating Arms Co., 5 White, Henry</p> | <p>BELT MACHINES. Avery, B. T. & Sons, 2 Hernsheimer, S. & Bro. Louisiana Sugar Refining Co., 3 N. O. Refrigeration & Mfg. Co. 2 Schmidt & Ziegler</p> |
| <p>MINE LA MOTTE, MO. STEAM FREIGHT. Hazard, R.</p> <p>STEAM AND HYDRAULIC HOISTS. Mine La Motte</p> <p>MONTEREY, CAL. HYDRAULIC PASSENGER. Hotel Del Monte Pacific Grove Hotel</p> <p>MONTGOMERY, ALA. HYDRAULIC PASSENGER. Exchange Hotel</p> | <p>NEW BEDFORD, MASS. HYDRAULIC PASSENGER. Eddy, George M. & Co.</p> <p>HYDRAULIC FREIGHT. Driscoll, Church & Hall Sherman, I. C. & Son</p> | <p>NEW LONDON, CONN. HYDRAULIC PASSENGER. Crocker House Harris, J. N.</p> <p>NEWPORT, R. I. HYDRAULIC FREIGHT. Newport Gas Works</p> | <p>NEWTON, KAS. HYDRAULIC PASSENGER. Hotel Madrid Howard House</p> <p>NEWTOWN, L. I. N. Y. BELT MACHINES. Sampson, Alden & Sons, 3</p> |
| <p>MORRIS DOCK, N. Y. STEAM AND HYDRAULIC HOISTS. Rodgers, Shanley & Farrell, (New Aqueduct, Shafts 22 and 23) 2</p> <p>MT. UNION, PA. STEAM AND HYDRAULIC HOISTS. Rockhill Coal & Iron Co.</p> <p>MUSKEGON, MICH. HYDRAULIC PASSENGER. Mason, I. G.</p> <p>NARRAGANSETT PIER, R. I. HYDRAULIC PASSENGER. Rockingham Hotel</p> <p>NASHVILLE, TENN. HYDRAULIC PASSENGER. Baxter Court Duncan, W. M. Vanderbilt University</p> <p>HYDRAULIC FREIGHT. Duncan, W. M. Fletcher, M. B. Pilcher, M. B.</p> <p>STEAM FREIGHT. Maxwell House</p> | <p>NEW BRIGHTON, S. I., N. Y. HYDRAULIC PASSENGER. Pavilion Hotel</p> <p>NEW BRITAIN, CONN. BELT MACHINES. American Hosiery Co., 3 Russell & Erwin Mfg. Co. Stanley Works</p> <p>NEW BRUNSWICK, N. J. BELT MACHINES. Janeway & Carpenter, 2 Janeway & Co. New Brunswick Hosiery Co., 2 New Brunswick Rubber Co.</p> <p>STEAM FREIGHT. Janeway & Carpenter</p> <p>NEWBURGH, N. Y. HYDRAULIC PASSENGER. Schoonmaker, Mills & Weller</p> | <p>NEW ORLEANS, LA. HYDRAULIC PASSENGER. Citizens' Bank Cotton Exchange, 2 Danziger, D. Denegre Building Giffney, H. R. Hotel Royal Imperial Building Kenner Building Larosseni, Hypolite Louisiana Lottery Co. McCown, H. D. Merciers D. Sons, 2 Meyer, V. & A. & Co. New Orleans National Bank Richardson, J. P. & Co. St. Charles Hotel Stevens, H. B. Story Building United Cotton Building</p> <p>HYDRAULIC FREIGHT. Bodley Bros., { Canal St., No. 78 { Canal St., No. 98 Baldwin, A. & Co., 3 Burke & Thompson Charity Hospital Lyons, J. L., 2 McSteen, N. M. & Co. Richardson, J. P. & Co.</p> <p>STEAM PASSENGER. St. Charles Hotel</p> <p>STEAM FREIGHT. Planters' Sugar Refining Co.</p> | <p>NEW YORK, N. Y. HYDRAULIC PASSENGER. Academy of Sacred Heart Adee Est. "Adelaide" Ap. House Aitken, Son & Co. "Albert" Ap. House Aldrich, Elizabeth W., 2 Aldrich Court, 4 "Alpine" Ap. House Altman, B. & Co., 4 American Bank Note Co. American Bible Society, 2 American Tract Society Appleton, D. & Co. Arion Club House Armour, H. O. (residence) Arnold, Constable & Co., Union Square, 2 Arnold, Constable & Co., Broadway and 19th Street, 3 Arnold, Constable & Co., W. 23d Street, 3 Asinari, Mrs. H. L. G. Aston, Wm. K. "Astor" Ap. House Astor Building, Wall Street, 4 Astor, John Jacob, 4 Astor, William, 3 Astor, W. B. (Estate of) 3 Auffmordt, C. A. & Co. Baltimore & Ohio R. R. Co. Bank of Commerce Bank of New York Bank of the State of N. Y. Bank of America, 2 Barclay, Jas. L. "Barcelona" Ap. House, 2 Barnes Estate of Demas "Barrington" Association, 2 Baudouine, C. A. Baumann Brothers, 2 Becar, Alfred Beck, F. & Co. "Bella" Ap. House, 2 Belvedere Hotel "Berkeley," The "Berkshire" Ap. House, 2 Best & Co. Billings, Frederick (residence) Bishop, R. H. (residence) Blatchford Building Bliss & Cossitt, 2 Bloomingdale Brothers Booth's Theatre Building, 5 Borel Building, 4 "Boston" Ap. House Bostwick, J. A. (residence) Bridge Building Broadway Theatre Brokaw Bros. Bronson, Frederic (residence) Brooklyn Fire Insurance Co. Brooklyn Life Insurance Co. Brooks Bros., 2 Brower, John Brown, Miss Annie (school) Brown Brothers & Co., 2 Bruner & Moore</p> |

USERS OF THE HALE ELEVATOR.—Continued.

"Burlington," The
Butler, Matheson & Co.
Cadwalader, John L.
Calhoun, Robbins & Co.
"Cambridge" Ap. House
Cancer Hospital
Carner, A. H.
"Carteret" Ap. House
Case, Joseph S.
Caswell, John (Estate)
Central National Bank
Central Trust Co., 2
Charter Oak Life Ins. Co., 1
"Chelsea" Ap. House, 3
Chesbrough, Robert A., 3
City Bank Building
Claffin, H. B. & Co., 2
Clarendon Hotel
Cohn, Mrs. T.
Cohnfeld, Isidor
Coleman House
Collamore, Davis & Co.
"Columbus" Ap. House
Commercial Advertiser
Commercial Bank Building
Commercial Union Assurance
Co., 2
Continental National Bank
Corbin, Austin, 2
"Cordova" Ap. House
Coryell, M., Ap. House
Cosmopolitan Hotel
Cossitt, F. H.
Cotheal, A. I.
County Court House
Cowdrey, N. A. (residence)
Crocker, Charles Est. (residence)
"Croisic" Ap. House
Cryder, Duncan
Cruger, S. V. R., Ap. House
"Cumberland" Ap. House
Cunard, Bache, 2
Cutting Building
"Dakota" Ap. House, 8
Daniell, John & Son, 2
Dayton, C. W., Exr.
De Barrios, Mrs. F. A. (resi-
dence)
Delaware & Hudson Canal Co. 2
Delmonico Building
Demming, E. J. & Co.
Demorest & Little
Dep't of Public Works, 2
Dickerson, E. N. (residence)
Dimick, J. W.
Disken, Martin
Ditson Building
Dobbin, Thomas
Dobson, J. & J.
Donnell, E. J., 2
Doremus & Corbett
"Douglas" Ap. House
Down-Town Association
Dows, David (residence)
Drake, Lawrence
Drexel Building, 2
Duncan's Sons, John
Dunham, Buckley & Co.
Eden Musee
Ehrich Brothers, 4
"Elise" Ap. House
Emigrant Industrial Sav. Bk., 3
Emmett, Dr. T. A. (residence)
Everett House
Exchange Club
Farmers Loan & Trust Co., 2
Field, Cyrus W. (residence), 2
"Florence" Ap. House, 4
Fogg, Mrs. Wm. H. (residence)
Fox & Kelly
Freundschaft Club
Gallatin Bank, 2
Germania Fire Insurance Co.
Gerry, Mrs. Hannah G., 2
Golet, R. & O., 15 to 25 White-
hall Street, 2
Golet, R. & O., Broadway and
20th Street, 2

Golet, R. & O., Broadway and
19th Street, 2
Golet, R. & O., Broadway and
32d Street, 2
Goin, Mrs. Jeanette P.
"Gramercy" Ap. House, 3
Grand Opera House
Grand Union Hotel, 2
Graves, Robert (Estate)
Graves, Robert & Co.
Gregg, Joshua & Co.
"Grenada" Ap. House, 2
"Grenoble" Ap. House, 4
Gunther, S. C. & Sons
Gunther, Wm. H.
Gutta Percha & Rubber Mfg. Co.
Hale, E. J. M., Estate
Hamilton, J. C. (Estate)
Hamilton, Sylvester M. (resi-
dence)
"Hampshire" Ap. House
Hardy & Caldwell
Hart, James H.
Havemeyer, H. O. (residence)
Havemeyer & Elder Sugar Re-
fining Co.
Hearn, Geo. A.
Hearn, Jas. & Son, 3
Hecht, Jacob H., 2
"Herbert" Ap. House, 2
Herter Brothers
Hess, D. S.
Hilton, Henry
Hillyer, Ap. House
Hoffman House, 2
Hoppock, M. A., Estate
Hotel Normandie
Hotel St. Marc, 2
Hotel Shelburn
Hubert Ap. Association, 2
Hume Bros.
Hunnewell, H. H.
Huntington, C. P. (residence), 2
Imperial Fire Insurance Co. of
London, 2
Inslee, Samuel
Irving House
Iselin, Adrian
Johnson, Bradish
Johnston, John Taylor, 2
Jones Estate
Jones, F. B. & H. E.
Jones, Col. James H.
Jones, Mrs. Mary M. Apartment
House, 2
"Judge Building," 2
Kelly Building, 2
Kelly, Thomas
"Kenmore" Ap. House, 2
Kerbs, Adolf (residence)
Kernochau, J. Frederic
Kierst, J. J.
Kinney, J. B.
"Knickerbocker" Ap. House, 4
Koch, H. C. F. & Son
Lapham, Mrs. S. V.
Lawrence, P. C. (residence)
Le Boutillier Bros., W. 23d St.
Leroy Estate
Lichtenstein, B.
Lichtenstein, J. & Son
Liebmann, Charles (residence)
Liebmann, Joseph (residence)
"Lincoln" Building, 2
Lincoln Safe Deposit Co.
"Lisbon" Ap. House, 2
Liverpool & London & Globe
Insurance Building, 2
Livingston Buildings, 5
Loeb, Solomon
Lord & Taylor, 3
Loring, D. A.
"Lorena" Ap. House
"Lorimer" Ap. House
Lowther, Charles
Lynde, James G.
Lynde, Robt. B.
Lyon, Wm. H. & Co.

McClay, Robert
McCreery, James, 3
Maddock, Thos.
Madison Ave. Ap. House Co.
Madison Avenue and 30th Street
Ap. House, 4
Madison Avenue Hotel
Madison Square Bank
"Madrid" Ap. House, 2
Maginn, P. F., Ap. House
Mahone & Coyne Ap. House
"Mail and Express" Building
"Manhattan" Ap. House, 2
Manhattan Hotel Co.
Manhattan Life Ins. Co.
Manhattan Railway, 116th Street
Station, 4
Marcotte, L. & Co.
Marie, Peter
Market & Fulton Nat'l Bank, 2
"Marlborough" Ap. House, 2
Mayer, Ferdinand
Mayer & Levy, 2
Mechanics' Bank, 2
Megroz, Portier, Grose & Co.
Methodist Book Concern, 4
Metropolitan Life Ins. Co.
Metropolitan Opera House
Metropolitan Telephone & Tele-
graph Co.
Mills, D. O. (residence)
Mills Building, 6
Minot, Hooper & Co., 3
Moir, William
Morgan, J. P. (residence)
Morrison, E. A.
Morse Building, 2
Mortimer Building, 2
Mortimer, W. Y.
Morton, Levi P.
Mount Morris Bank, 121 Madison
Avenue
"Mt. Morris" Ap. House
Murray Hill Hotel
Mutual Life Insurance Co., Nas-
sau Street, 7
Myers, A. L.
"Mystic" Ap. House, 2
Neuman, Henry & Isidor Cohn
"Newport" Ap. House
N. Y. Brownstone Court House
N. Y. Casino
N. Y. Cotton Exchange, 3
N. Y. Fire Department
N. Y. Hospital
N. Y. Life Insurance Co., 2
N. Y. Life & Trust Co.
N. Y. Staats Zeitung Building
N. Y. Stock Exchange, 2
N. Y. Times, 3
"Niagara" Ap. House
Oelbermann, E. & Co.
O'Neill, H. & Co., 3
"Ontiora" Ap. House
Orcutt, E. B.
Orphan Asylum Society
Osborn, J. Son & Co.
Park & Tilford
Parker, Willard, Hospital
Parish, Daniel (Estate) 2
Parrish, J. C.
Patterson, John & Co.
"Percival" Ap. House
Person, A. Harriman & Co.
Phelps, Royal
Player's Club
Plaza Hotel, 2
Pettit, John
Popham Building
Portsmouth Ap. House, 2
Post Building, 3
Post, Mrs. L. F.
Potter Building, 4
Potter & Styms Mfg. Co., 2
Presbyterian Hospital, 2
Prescott Building
Produce Exchange, 9
Progress Club

Purcell, Edward
"Randolph" Ap. House, 2
Raub, Frank
Reformed Low Dutch Church of
Harlem, 2
"Rembrandt" Ap. House
Renwick, E. S.
Robb, J. Hamden
Robbins & Appleton
Robert, C. R.
Rockefeller, John D. (residence)
Rogers, H. H. (residence)
Rogers, Peet & Co.
Roosevelt Hospital
Rosenbaum, A. F.
Rothschild, J.
Rouss, Charles, Broadway, 2
Royal Insurance Co.
Russell, A. D.
"Rutland" Ap. House, 6
"St. Albans" Ap. House
St. Ann's Foundling Asylum, 2
"St. Catharine" Ap. House, 2
St. Dennis Hotel
"St. George" Ap. House
St. George's Plats
St. Stephen's Hotel
St. Vincent's Hospital
Sanford, E. E. Ap. House
"Saragossa" Ap. House, 2
Saron, N.
Scovill Mfg. Co.
Seamen's Bank for Savings,
Shepard, Mrs. F. F.
"Sherman" Ap. House, 2
Sherwood, J. H.
Sidenberg, G. & Co.
"Sidney" Ap. House
Simpson, Crawford & Simpson
Sloane, Geo.
Sloane, W. D. (residence)
Sloane, W. & J., 2
Smith Building, 2
Smith, Vandewater
Smith, W. Wheeler
Smith & McNeil
Solomon's Sons, B. L.
Sonnenborn, Jonas
South Kensington Ap. House
Standard Oil Co.'s Building, 4
Starr, Theo. B.
Stern Bros., 5
Strange, A. B., 2
Stevens, F. W. (residence)
Stevens House
Steward, John
Stewart, C. S.
Storm, Stephen (Estate) 2
Stokes, Anson, Phelps (resid'ce)
"Strathmore" Ap. House
Stuart, Mrs. R. L. (residence)
Sturtevant House
Sutton, Jas. F., Jr., Ext.
Swan, Benj. L. Jr., Ext.
Sweetser, Penbrook & Co.
Tefft, Weller & Co.
Temple Court, 3
Thomas, Dr. T. G. (residence)
Thompson, F. F. (residence)
Thompson, Jos., Agent
Tilden, Samuel J. Est. (resid'ce)
"Tolosa" Ap. House
Tower Building, 2
Trenkman, Wm.
Turnbridge, Capt. Wm.
Twombly, H. McK. (residence)
United Bank Building, 2
Union League Club, 3
University Club
U. S. Post Office and Court
House, 2
U. S. Express Co.
U. S. Trust Co., 2
"Valencia" Ap. House, 2
"Vancorlear" Ap. House, 2
Vanderbilt, Cornelius (res.)
Vanderbilt Building, 2
Vanderbilt, Wm. K. (residence)

USERS OF THE HALE ELEVATOR.—Continued.

Van Tassell & Kearney
Vendome Hotel, 2
"Vienna" Ap. House
Waldo Building
Walsh, Thomas
"Washington" Ap. House
Washington Building, 6
"Wash'gton Square" Ap. House
Webb, W. Seward (residence)
Western Union Telegraph Co.,
16 and 18 Broad Street, 2
Western Union Telegraph Co.,
Broadway and Dey Street
Western Union Telegraph Co.,
5th Avenue and 23d Street, 2
Westminster Hotel
Wheeler & Wilson Sewing Ma-
chine Co.
White, James L.
White, Mrs. Mary, Ap. House
Williamsburgh City Fire Ins.
Co., 2
Wilson, W. & A. R.
"Windermere" Ap. House, 2
"Windsor" Ap. House
"Winfield" Ap. House
Winthrop, E. L. (residence)
Wood, Fernando
"World" Newspaper Build'g, 6
"Wyoming" Ap. House
Yard, A. A. (Estate)
"Yosemite" Ap. House.

HYDRAULIC FREIGHT.

Aitken, Son & Co.
Altman, B. & Co., 5
American Bank Note Co., 2
Astor Building, Wall Street
Bauman Brothers, 2
Beck, F. & Co.
"Bella" Ap. House, 2
Best & Co.
Blatchford Building
Brooks Bros.
Butterick Publishing Co.
Cancer Hospital
Central Trust Co.
Central Turn Verein, 3
"Chelsea" Ap. House, 3
Consolidated Elec. Light Co., 2
Corbin, Austin
Cunard, Bache, 2
"Dakota" Ap. House, 4
Ditson Building, 2
Dobson, J. & J.
Down-Town Association,
Duncan's, John, Sons
Fhrich Brothers, 2
Exchange Club, 2
"Florence" Ap. House, 3
Foundling Asylum,
Gerry, Mrs. H. G.
Goelet, R. & O., Broadway and
32d Street
Gregg, Joshua & Co.
Gunther's, C. G. Sons
Gutta Percha & Rubber Mfg. Co.
Hearn, Jas. & Son
Herter Bros.
Hess, D. S., 2
"Hillyer" Ap. House
Hilton, Henry, 2
Hubert Apartment Association
Jones, F. R. & H. F.
Lapham, Mrs. S. V., 2
"Lincoln" Building
Lincoln Safe Deposit Co., 4
Loeb, Solomon
Loring, D. A.
Lowther, Charles
Madison Avenue Ap. House Co.
Mayer, Ferdinand
McCreery, Jas., 2
Metropolitan Opera House, 5
Miles, Wm. A. & Co. (Croton
Brewery), 2
Minot, Hooper & Co.,
Moir, Wm.

"Mt. Morris" Ap. House
N. Y. Athletic Club
"Ontiora" Ap. House
O'Neill, H. & Co.
Park & Tilford
Phelps Building, 2
Plaza Hotel, 2
Pottier & Stymus Mfg. Co.
Pratt, Charles & Co.
Ranger, Louis
Robbins & Appleton, 2
Rogers, Peet & Co.
Rothschild, J.
Russell, A. D.
Sherwood, J. H.
Smith & McNeill
Solomon's, B. L. Sons
Steinway & Sons
Stern Bros., 4
"Strathmore" Ap. House
Sutton, Jas. F., 2
Tefft, Weller & Co.
Trenkmann, Wm.
Union League Club
United States Express Co.
U. S. Trust Co.
"VanCorlear" Ap. House, 5
Van Tassell & Kearney
Western Union Telegraph Co. 2
"Windermere" Ap. House
Windsor Ap. House
"World" Newspaper Build'g, 3
Yard, A. A. (Estate)
"Yosemite" Ap. House, 3

STEAM PASSENGER.

Adams Express Co.
Barmore's Building
Bates, Martin (Estate)
Beekman Building
Broadhurst, H. M.
Bruner's Government Bldg.
Buckingham Hotel
Butterick, E.
Carlton Club
Charlier Institute
Conover, J. S.
Contoit Estate, 2
Cottinet, Francis
Cowdin, Elliot C. (Estate)
Cruger, S. Van Rensselaer
Dash Estate
De Forest, W. H.
Empire Building
Fourth National Bank, 2
Garden, C. H.
Gilbert, F. E.
Gilsey House
Germania Life Insurance Co.
Grosvenor House
Gouverneur, Mary (Estate)
Herman, Morris S.
Heywood Brothers & Co.
Hoe, J. C. & Co.
Hornthal, Whitehead, Weiss-
man & Co.
Hospital for Ruptured and Crip-
pled
Hotel Royal
Howard Building
Jefferson Market Court House
Kemp Building
Kingsland, Ambrose C.
Knapp, Sheppard & Co.
Livingston, R. J., 2
Lorillard, P.
Lorillard Estate, Jacob
Loubat, J. F.
Mt. Sinai Hospital, 3
Maillard, H.
Masonic Temple
Montgomery, R. M.
Munro, George
Naumburg, Kraus, Lauer & Co.
N. Y. Guaranty & Indemnity
Company
Phillips, P.
Potter, O. B.
Pratt, Charles S.
Putnam House
Queen Insurance Co.
Rhinelander Building
Ridley, F. & Sons
Roosevelt Hospital
Ross, A. M.
Rossmore Hotel
Shaw, J. M. & Co.
Spingler Building
Spingler Estate
St. Denis Hotel
Stevens, Adele
Steward, John
Stone, F. J.
Storm's Building
U. S. Mortgage Co.
Union Dime Savings Bank
Vogel Brothers
Watson Estate
Waverly Building
Wilson, T. R.
Women's Hospital
Young Men's Christian Associa-
tion

STEAM FREIGHT.

Acker, Merrill & Condit
Adams Express Co., 3
Adams, Henry
Aldrich, H. D. (Estate) 5
American Express Co., 3
Andrade, Jos.
Andrews, L., 4
Appleton, D. & Co., 5
Arnold, B. G. & Co., 2
Arnold, Constable & Co., 12
Astor Estate, 14
Astor House
Astor, John Jacob, 3
Astor, Wm., 2
Austin, Nichols & Co., 4
Ayer, J. C. (Estate) 2
Babbitt, B. T., 4
Babcock, S. D.
Baer, Morris B.
Baker & Co.
Baker, Smith & Co., 2
Barclay Estate, 3
Barclay Street Refrigerator Co.
Barnes, A. S. & Co.
Barron, J. S. & Co.
Bates, Martin, Jr. (Estate) 2
Beadleston & Woerz, 2
Bechstein, A. C.
Beekman, B. F., 3
Benkard & Hutton, 2
Berger & Baylies
Bernheim, A.
Bernheimer, I. & S.
Berteaux & Radoux
Bianchi & Faulkner
Bien, J. & Co.
Billings, Mrs. J. H., 2
Birdsall, D. & Co.
Blackstone, W. H.
Blake & Shotwell
Blatchford, Samuel, 3
Bliss, Geo. & Co., 4
Bliss, Wm. M.
Bliss & Cossit, 4
Blumenthal, F.
Boker, Hermann & Co., 2
Bowman, G. H. & Co.
Bradhurst, Mary
Bradley, Kurtz & Co., 3
Brandes, D.
Brinckherhoff, Turner & Co.
Broadhurst, H. M., 2
Brokaw Brothers.
Brooks Bros., 2
Buckingham Hotel
Burger, Hurlburt & Livingston
Calhoun, Robbins & Co., 2
Campbell, Wm., 2
Carter, Robert
Cary Building, 3
Castree, John
Central National Bank, 2
Central Real Estate Ass'n, 2
Christie, W. F.
Citizens' National Bank
Clafflin, H. B. & Co., 13
Clark, G. A. & Bros.
Clausen & Price
Cohnfeld, Isidor, 2
Cohnfeld, Mrs. R.
Cohnfeld, Theo.
Colwell Lead Co.
Contoit, C. H., 3
Corning & Co.
Cowdin, E. C., Estate, 2
Cummings, J. M. & Co.
Cutting, R. L., Estate
Davies, R. K. & Co.
De Forest, W. H., 2
Delmonico, L., Estate
Detmold, Dr. Wm., 2
De Vinne, T. L. & Co., 3
Dickinson & Hurlburt
Diekenhoff & Co.
Doelger, Peter (Brewery), 2
Driggs, M. S. & Co., 3
Dunbar, J. M.
Dunham, Buckley & Co., 4
Duparquet & Huot
Durkee, F. R. & Co.
Earl & Laing
Ehret, George (Brewery), 2
Elias, Henry, Brewing Co.
Ellis, H. S.
Fly, Horace S.
Faulkner, Page & Co.
Ferris, F. A. & Co., 2
Field, B. H., 2
Fish, Jas. D., 4
Fisher, B. & Co., 2
Fisher, Joseph, 2
Fleischman's, L. (Building)
Fleischmann & Co.
Fuller, W. J. A., 2
Garden, C. H. & Co.
Garner & Co., 2
Gerry, Mrs. H. G., 2
Gibert, F. E., 4
Giblin, Michael
Gillis & Geohegan, 2
Gilsey Estate, 6
Ginna & Co.
Goelet, R. & O., 3
Goldenberg, L.
Goldenberg, S.
Goldenberg & Schoolherr, 3
Goldenberg Brothers
Green, John K.
Gunther's Sons, C. G.
Gunther, W. H., 3
Hackett, Carhart & Co., 2
Haggerty & Co.
Halstead, Haines & Co., 3
Hamburger, J. W.
Hamburger & Co., 2
Hamlin, Wheeler & Co.
Harriman, Charles
Hasbrook & Co.
Hashbrouck, J. L. & Sons
Hastings, C. C., 2
Hazard, E. C. & Co., 2
Hecht, J. H., 2
Heermance, Dickinson & Co., 3
Hemphill, Hamlin & Co., 2
Henderson, J. C.
Henning, Flint & Pearce
Henry, J. F. & Co.
Heywood Bros. & Co., 2
Higgins, E. S., 6
Hoe, J. C. & Co., 2
Hoe, R. & Co., 2
Holbrook Brothers, 2
Hollender, F.
Howe Building, 2
Hutchinson, J. B., 2
Hutton Estate, 3
Inslee, Sam'l, 3
Isaacs, Gustavus
Jaffray, E. S. & Co., 2

USERS OF THE HALE ELEVATOR.—Continued.

Jessup, J. R.
 Johnston, J. & C.
 Jones Building
 "Judge" Building, 4
 Juilliard, A. D. & Co., 3
 Kellogg, F. H.
 Kerbs, Adolph
 Kieley, Timothy
 King, Edward J.
 Kingman Building
 Kingsland, Ambrose C.
 Klungenberg, A.
 Knapp, Jos. F., Lithographic
 Company
 Kress, The John Brewing Co.
 Kursheidt Mfg. Co., 3
 Langdon, Helen, 2
 Lazell, Dalley & Co., 2
 LeBoutellier Brothers, 23d Street
 L. C. J. 1.
 Leggett, F. H. & Co., 8
 Leland, Francis
 Leroy, Mr. (343 Broadway)
 Levenson, L., 2
 Levy Brothers & Co.
 Lewis, Thomas, 3
 Lewisohn Brothers, 2
 Libby, H. J. & Co.
 Liebler, A. & Co.
 Linde, F. C. & Co., 3
 List & Lennou
 Livingston, DeForest & Per-
 kins, 4
 Loeb, Solomon
 Loeser, F., 2
 Lord & Taylor, 4
 Lorillard Estate, 15
 Loubat, J. F., 4
 McGraw Estate
 McKesson & Robbins, 5
 Macy Estate
 Macy, R. H. & Co.
 "Mail and Express" Building
 Manhattan Building & Invest-
 ment Co., L'd
 Manhattan Railway Co., 5
 Manhattan Storage Warehouse
 Company, 4
 Martin, David
 Matthews, Edward, 3
 Mayer & Levy, 2
 Mellen & Co., 2
 Metropolitan Life Ins. Co.
 Mills Building
 Morgan, John
 Morrison, E.
 Moser, Wm.
 Mott, J. L., Iron Works
 Mt. Sinai Hospital, 2
 Myer, S. T. & Co.
 Naumburg, Kraus, Lauer &
 Company, 3
 Naylor, Henry, 2
 Neidlinger, Schmidt & Co.
 Newman & Cohn
 N. Y. Belting & Packing Co.
 N. Y. C. & H. R. R. Co., 13
 N. Y. Elevated Railway Co., 2
 N. Y. Herald Building
 N. Y. Life Insurance Co.
 N. Y. Post Office, 6
 N. Y. Real Estate Ass'n, 9
 N. Y. Steam Co., 2
 N. Y. Times
 Odell, Isaac, 4
 Oelhermann, E. & Co.
 Opperman & Muller
 Paine's Building
 Parish, D. (Estate)
 Park & Tilford, 2
 Parsons, John E.
 Passavant & Co.
 Peake, W. I. & Co., 2
 Phillips, C. S.
 Picaut, Simon & Capel
 Place, J. K.
 Post, Mrs. L. F.
 Potter, O. B., 3

Powers, J. W., 2
 Powers & Weightman
 "Puck" Building
 Pyle, Jas. & Sons, 1
 Rhineland Estate, 3
 Richardson & Co.
 Ringler, George (Brewery), 2
 Robbins & Appleton
 Rogers, F. B.
 Rohes & Brother
 Roosevelt Building, 2
 Rogers, Peet & Co.
 Ross, Alex. M.
 Rothschild, D., 2
 Rothschild, J.
 Rouss, Charles, Broadway, 4
 Roux, A., 2
 Russell & Erwin Mfg. Co.
 Sailors' Snug Harbor
 Sargent & Co.
 Schemerhorn Warehouse
 Schieffelin, W. H. & Co., 2
 Schmitt & Swananflugel (Cen-
 tral Park Brewery)
 Schwab, G. & Brother, 2
 Scoville Mfg. Co., 2
 Seasongood & Co., 2
 Sewell & Ericson
 Shaw, J. M. & Co.
 Shethar, S., 2
 Sidenberg, G. & Co.
 Slade, Jarvis, 2
 Slade, J. M. (Estate) 3
 Slausen, A. & Co.
 Sloane, W. & J., 8
 Smith, C. S.
 Smith, H. M. & Son, 8
 Sniffen, E., 2
 Sniffen, John, 2
 Snook, John B.
 Solomon's Sons, B. L.
 Sonneborn, J.
 Sonneborn & Co.
 Southack, J. W. (Estate)
 Spellman, J. B. & Sons
 Stadler, Max & Co.
 Stevens, Adele, 2
 Sternberger, M. & S., 5
 Stettheimer Bros.
 Stewart, A. T. (Estate) 7
 Stillwell, L. B.
 Story, E. A., 2
 Strassburger & Pfeifer
 Stuart, R. L. (Estate)
 Sweetser, Pembroke & Co., 4
 Taussig & Hammerschlag
 Tenney, C. H. & Co.
 Tefft, Weller & Co., 5
 Thurber, Whyland & Co., 7
 Tiedemann, Theo. & Bro.
 Townsend, R. H. L., 2
 Trinity Church Corporation, 5
 Tuck-r Estate
 Tuttle & Bailey Mfg. Co.
 Union Stove Works
 U. S. Assay Office
 U. S. Public Stores, 8
 Van Rensselaer, A.
 Vogel Brothers, 2
 Walbridge, A. C., 2
 Walbridge, O. G.
 Wallace & Co.
 Wallace, Jas. & Sons
 Wallach's Sons, H.
 Walton, D. S. & Co., 2
 Ward, H.
 Warner, S. A.
 Watson, Wm.
 Weiler, P. R.
 Welsh, Henry, 3
 Western Union Telegraph Co., 3
 Wheeler & Wilson Sewing Ma-
 chine Company
 White, J. L., 2
 Whiting, J. R. (Estate) 2
 Wiley & Wing
 Wilmerding, Hoguet & Co.
 Wilson, J. W.

Wilson, R. T., 2
 Wood's Commercial Bldg., 3
 Young, H. (Estate) 3
 Youngs, George
 Zabriskie, A. C., 2

BELT MACHINES.

Acme Stationery & Paper Co.
 American News Co.
 American Steam Power & H. Co
 Ams, Max, 3
 Anglo-American Drug Co.
 Appleton, D. & Co.
 Archer & Close, 2
 Archer & Pancoast Mfg. Co., 2
 Arion Piano-Forte Co.
 Arnold, Constable & Co.
 Asch & Jackel
 Ayer, F. F.
 Baer, Morris B. & Co.
 Bailie, Samuel & Son
 Baker & Clark, 2
 Baker, Smith & Co.
 Baker, Vail & Clark
 Banks Brothers
 Barnes, A. S. & Co., 2
 Bauer, W. C. & Co.
 Bay State Shoe & Leather Co.
 Beadleston & Woerz, 2
 Beard's, S. Sons, 2
 Beck, F. & Co.
 Becker, Joseph
 Bechstein & Brother, 3
 Benziger Brothers
 Bernheimer & Schmid
 Berlin & Jones Envelope Co.
 Bible House, 2
 Bixby, S. M. & Co., 2
 Bonner, Robert
 Bowles, E. L.
 Boudy, Lederer & Co.
 Bradley White Lead Co.
 Brinkerhoff & Co.
 Broadway & 7th Avenue R. R. Co.
 Stables
 Brown & Bliss
 Brown, D. S. & Co., 3
 Brown, J. H.
 Brown, M. A.
 Brown, Martin B.
 Bruen, D. S.
 Bruner, Peter
 Brunswick, J. M. & Balke Co.
 Burr Printing House
 Candee, E. W.
 Cammann, C. A.
 Carr, Walter & Co.
 Cassidy & Adler
 Castree, John
 Catterfield, W. F.
 Christy, Walcott & Co.
 Chamberlain, Roe & Co., 5
 Chatillon, John & Sons, 2
 Clafin, H. B. & Co.
 Clarke Building
 Clarke, W. E. & Brothers
 Coe, F. F.
 Collender, H. W., 2
 Colwell Lead Co.
 Connolly & Co.
 Consolidated Can Co.
 Cook & Radley
 Cornell, J. B. & J. M.
 Crooke, John J., 2
 Cruger, S. Van Rensselaer, 3
 Cummings, James M.
 Curtin, Larrazabal & McNally
 Decker Brothers
 DeJonge, Louis & Co.
 Delamater Iron Works
 Dry Dock R. R. Co., 4
 Dingle, P. M.
 Dooley & Brothers
 Douglas, W. P.
 Duparquet & Huot Monense
 Co., 2
 Ebling, P. & W.
 Ehret, George, 3

Eichler's J., Sons
 Elias & Betz
 Elmendorf & Scofield
 Empire Laundry Co., 2
 Eppens, Smith & Wiemann Co.,
 L'd (Globe Mills)
 Ettlinger, Louis
 Excelsior Quilting Co.
 Felt, J. P.
 Fifth Avenue Hotel, 2
 Fink, Andrew & Son, 2
 Fink, John, 2
 Fischer, B. & Co., 3
 Fischer, J. & Co.
 Foster, Jno. E. & Co.
 Fowler Mfg. Co., 2
 Fuller, W. A. J.
 Gabler, E.
 Gardner & Co.
 Gaus & Miller
 Gent, Louis A.
 Getty, Hugh
 Gillis & Geohagan
 Gleason, Wm. H.
 Goodwin, C. J.
 Goodwin, W. H.
 Gousset, C., 2
 Graham, J. R.
 "Graphic" Company
 Greacen, Thomas E.
 Greek-American Confectionery
 Company
 Griswold, Mrs. K. A.
 Globe Spice Mills, 2
 Globe Printing Co.
 Gray, John
 Grote, F. & Co.
 Gulden, Charles
 Gutta-Percha & Rubber Manu-
 facturing Co.
 Hackett, Carhart & Co.
 Hake, Phillip
 Hall, F.
 Halstead Building
 Hardy, Pierre J.
 Harris, Thomas R., 2
 Hart, A. H. & Co., 2
 Hauck, J. & Sons
 Haulenbeek, Henry
 Hauslet, William
 Hawes, L. P.
 Hawley, O. F.
 Heinze, Otto & Co.
 Henken, George C.
 Heppenheimer & Maurer
 Hermann, Henry
 Herter Brothers
 Herts Brothers
 Heyman Bros. & Lowenstein
 Higgins, E. S. & Co., 7
 Hine & Co.
 Hobbs, R. S., 2
 Holzderber & Brothers
 Holt & Company
 Howard & Child
 Hoyt, J. B. & Co.
 Hupfel's, A. Sons
 Hustace, William
 Ingersoll, L.
 International News Co.
 Isabella Home
 Jackson, Thomas R.
 Jacoby, S. & Co.
 James, F. E.
 Jenkins Bros. & Co.
 Jones, E., 2
 Kaufmann, L.
 Keep Mfg. Company
 Kelly & Jones
 Kemp, George
 Kemp, Day & Co.
 Keogh, C. B.
 Kerr, H. D., 2
 King, A. L.
 Kinney Tobacco Co., 2
 Klaubner, A.
 Kochler, H., 2
 Lanman & Kemp, 3

USERS OF THE HALE ELEVATOR.—Continued.

Laura Franklin Hospital,
Leich, F. F.
Leissner, E., 2
Leslie, Frank, Est.
Libby, H. J. & Co.
Libendroth, Von Auw & Co.
Lies, Geo. P. & Co.
Lillicenthal, C. H. & Co., 2
Linde, P. C. & Co., 3
Linde, J. F.
London & Manchester Glass Co.
Lorillard, Jacob
Louderback, Gilbert & Co.
Low, A. A. & Brothers, 2
Lyall, J. & W., 6
McAlpin, D. H. & Co., 3
McClave, John
Mace, L. H. & Co., 2
McNab & Harlan Mfg. Co.
McCready, N. L., 2
Maillard, H., 2
Major & Knapp Engraving &
Lithographing Co.
Martin, B. M.
Mason Brothers
Mathews, John
Mayer, F.
Merwin, G. A. & Co.
Mettlage, C. F.
Millenmann, N. A. & W. H.
Mills, S. T.
Mohr, F. & Co.
Montague, W. H.
Moore, J. T.
Monne, R. & Bro.
Montayne, W. H.
Moonelis, Adolph
Morse, J. C.
Moses, M. H. & Co.
Mott, J. L., Iron Works
Munro, N. L.
Murray Hill Hotel
Nathan, P. & Co.
National Express Co.
Nellmann, Chas.
Nestell, J. J.
N. Y. Elevated R. R. Co., 2
N. Y. C. & H. R. R. Co., 2
N. Y. City Flour Mills
N. Y. Laundry Co.
N. Y. Life Insurance Co.
N. Y. News Co.
N. Y. Packing Co.
N. Y. Pie Baking Co., 2
N. Y. Printing Co.
N. Y. Sun
N. Y. Times
Nicholas, J. M. & Co.
Nichols & Davidson
Norris, T. B.
Ocell, Isaac
Ogilvie, J. S.
Oppermann, F., Jr.
O'Thayne, P.
Ottman, Wm. & Co., 2
Pacific Sugar Refinery
Parsons, W. H.
Peek & Son
Pettit, John
Pexser, F. M., 2
Phelps, Edward A.
Pioneer Iron Works
Place & Co., 2
Plaza Hotel, 2
Police Gazette Building
Pond's Extract Co.
Powers, D. & Son
Pratt, Charles S.
Preble, J. Q.
Preston & Street
"Puck" Building
Pupke, Edward
Pyle, James
Rankin, John C., Jr.
Raynor, Samuel & Co.
Reay, M. A.
Reed, George W. & Co.
Reed, Horatio

Reynolds, Jas. F. & Co.
Rhineland, C. F., 3
Rhineland, Est.
Rhoner, F. & Co.
Ringler, Geo. & Co.
Ronalds & Co.
Rothschild, V. Henry
Rottman, J. F.
Roux & Co.
Runkel Brothers
St. Francis Hospital
Salisbury & Van Wagen
Sanborn & Johnson
Schaeffer, F. & M., Brewing Co.
Scheider, J.
Schepp, L., 6
Schermerhorn, W. C., 2
Schieren, C. A. & Co., 4
Schilling, J. J., 2
Schmidt, C. A., 2
Schneider, P.
Schoverling, Daly & Gale
Schrenkaisen, M. & H., 2
Schumacher & Ettinger
Schwarzchild & Sulzberger, 2
Schwarzwalder, J. & Sons
Seasongood Building
Sellew, T. G.
Shortland, S. F.
Silberhorn, H.
Silberhorn, W. H. Bros. & Co.
Sidenberg, G. & Co.
Simmonds Mfg. Co.
Sirl Brothers
Slade, George P.
Sloane, W. & J.
Sote, D. & Co.
Smith, Fleming
Somerville, John
Sonn Brothers
Southwick & Co.
Spaulding, A. S.
Spoonier Mfg. Co., 2
Steiger, Henry & Co.
Steiger, Gustave
Stein, H.
Stein, Conrad
Steinway & Sons
Stern & Hess
Stern, Joseph & Co.
Sternberger, M. & S.
Stevenson, D., Jr.
Stetson, Henry C.
Stewart, W. R. & L.
Stitt, W. J. & Co.
Straiton & Storm
Stroeble, Philip & Sons, 2
Sutro & Newmark
Tailor, E. N., Exr.
Tarrant & Co.
Taylor, Alonzo
Tiedemann T. & Bro.
Tieman, D. F. & Co.
Treadwell, E., Sons
Treadwell & Harris Baking Co.,
Ltd.
Trigg, G. T. & Co.
Trinity Church Corporation, 9
Trow Publishing Co.
Union Electric Mfg. Co.
Van Derveer & Holmes Biscuit
Company
Van Duzer, S. R. & Co.
Van Zandt, Wm. T., Exr.
Vernon, Thomas
Wagener, Charles
Wallach's, H., Sons
Warren, Fuller & Lange, 3
Warwick, David
Weathered, T. W.
Weber, A.
Weiler, P. R.
Wessell, Nickel & Gross
Westerberg, Jefferson & Co.
Western Union Telegraph Co.
Westminster Hotel
Whipple, J. D.
Whiting & Campbell, 4

Whitmore, J. D. & Co.
Wicke, Wm. & Co., 4
Wight, G. W.
Wilson, J. T., 2
Wolfe, John
Wolff, R. H. & Co., 2
Yuengling, D. G. Jr.
Zinsser, Wm. & Co.

STEAM AND HYDRAULIC HOISTS.
Brunton, J. & Co. (Shafts 30 and
31) 2
Brunton, John & Company (New
Aqueduct, Shafts 27, 28 and 29) 3
Peterson, Charles & Co. (Shafts
25 and 26) 2

NIAGARA FALLS, N. Y.
HYDRAULIC PASSENGER.
Cataract House
Suspension Bridge Co.

NORFOLK, VA.
HYDRAULIC PASSENGER.
Atlantic Hotel
Hospital St. Vincent de Paul
Purcell House

NORRISTOWN, PA.
STEAM AND HYDRAULIC HOISTS.
Lucinda Furnace Co.

NORWICH, CONN.
HYDRAULIC PASSENGER.
Fort Griswold House
HYDRAULIC FREIGHT.
Norwich Bleaching, Dyeing &
Printing Co.
Osgood, H. H.
BELT MACHINES.
Norwich Belt Mfg. Co.
Norwich Bleaching & Calen-
dering Co.

OAKLAND, CAL.
HYDRAULIC PASSENGER.
Blake, Moffitt & Co.

OBERLIN, O.
HYDRAULIC PASSENGER.
Warner Hall, Conservatory of
Music

OCEAN GROVE, N. J.
HYDRAULIC PASSENGER.
Sheldon House

OMAHA, NEB.
HYDRAULIC PASSENGER.
Arlington Block
Barker Block
Barker Brothers
Barker Hotel
Byers, J. L.
Granite Block
Millard Hotel
Nebraska National Bank
New York Life Ins. Co., 4
Omaha National Bank, 2
Paxton Block
Paxton Building, 3
Paxton Hotel

HYDRAULIC FREIGHT.
Broatch, W. J.
Clark Brothers & Co.
Collins, J. S.
Creighton, J. A., 4
Lindquest, G. A.
McCreary, John
McGarock, W. J., 2

New York Life Insurance Co.
Paxton Building, 3
Paxton, W. A.
Paxton & Gallagher
Poppleton, A. J.
Riley, A. K., 2
Rogers, Milton & Son
Smith, B. F.
Smith, M. E. & Co.
Steele, D. M.

BELT MACHINES.
Omaha Cable Tramway Co.
STEAM AND HYDRAULIC HOISTS.
New York Life Insurance Co.

ONEONTA, N. Y.
HYDRAULIC PASSENGER.
Potter & Fleming

ONOTA, MICH.
BELT MACHINES.
Bay Furnace Co.

ORBISONIA, PA.
STEAM AND HYDRAULIC HOISTS.
Rockhill Iron & Coal Co., 2

OSKALOOSA, IOWA.
HYDRAULIC FREIGHT.
Lacey, John F.

OSWEGO, N. Y.
STEAM FREIGHT.
Kingsford, T. & Sons
BELT MACHINES.
Kingsford, T. & Son, 2
Loomis, C. C. & Co.

OWEGO, N. Y.
BELT MACHINES.
Gere, Truman, Platt & Co.

OXFORD FURNACE, N. J.
STEAM AND HYDRAULIC HOISTS.
Pequest Iron Works

PABLO BEACH, FLA.
HYDRAULIC PASSENGER.
"Murray Hall"

PAINESVILLE, O.
HYDRAULIC PASSENGER.
Lake Erie Female Seminary
HYDRAULIC FREIGHT.
Lake Erie Female Seminary

PALATKA, FLA.
HYDRAULIC PASSENGER.
Putnam House

PASADENA, CAL.
HYDRAULIC PASSENGER.
Carlton Hotel
Exchange Block
Raymond Hotel

PASSAIC, N. J.
BELT MACHINES.
Reed & Barry, 2
PATERSON, N. J.
BELT MACHINES.
Barbour Mills, 2
Cooke Locomotive & Machine
Co., 2

USERS OF THE HAILE ELEVATOR.—Continued.

Eastwood, B.
Grant Locomotive Works, 3
Johnson, Cowdin & Co.
McNab & Harlin Mfg. Co.
Rogers' Locomotive Works,
Watson Machine Co.

PAWTUCKET, R. I.

HYDRAULIC PASSENGER.
Darling, L. B.

HYDRAULIC FREIGHT.
Arnold, H. M.

BELT MACHINES.
Goff, D. & Sons

PEACE DALE, R. I.

BELT MACHINES.
Peace Dale Mfg. Co., 2

PEEKSKILL, N. Y.

BELT MACHINES.
Finch's R., Sons
Union Stove Works

PEORIA, ILL.

HYDRAULIC PASSENGER.
National Hotel

HYDRAULIC FREIGHT.
Comstock, Avery & Co.

STEAM FREIGHT.
American Glucose Co.

BELT MACHINES.
National Hotel, 2

PERTH AMBOY, N. J.

BELT MACHINES.
Perth Amboy Terra Cotta Co.

PERU, IND.

HYDRAULIC PASSENGER.
Shirk & Miller

PHILADELPHIA, PA.

HYDRAULIC PASSENGER.
Archambault, V. E. & Son
Baily, Joel J. & Co.
Beneficial Sav. Fund Society
Biddle, W. L. C.
Brown Brothers & Co., 2
Colonnade Hotel
Cox, Lewis S.
Dobson, John and James
Garden, C. H. & Co.
Geiger & Griesemer
German-American Ins. Co.
Gerson, Isaac
Gilbert & Bacon
Girard, L. I. A. & T. Co., 2
Girard Estate, 6
Haehulin Building
Harris, John C. (residence)
Haseltine Building
Heller, H.
Hillborn, Amos
Homer, Colladay & Co.
Homer, Le Boutillier & Co., 2
Hotel Lafayette
Hotel Hilton
Imperial Fire Insurance Co. of
London, 2
Jefferson M. C. Hospital
Levi Brothers & Co.
Lucas Building, 2
Market Street Nat'l Bank
McCown, A. R. & Co.
Merchants Building
Muhr's Sons, H.
New City Hall, 6

New City Hall Tower (537 feet
high)
Orthopedic Hospital
Penn. Mutual Life Ins. Co., 3
Philadelphia Club
Record Building
St. George Hotel
Sharpless Brothers, 3
Sichel, Julius
Snellenberg, N. & Co.
Sultzbach, I. H.
Swain Building
United Security Co.
U. S. Post Office, 2
Wanamaker, John, 4
Wanamaker, S. M. & Co.
Washington Hotel
Weightman, Wm.
Young Men's Christian Ass'n

HYDRAULIC FREIGHT.

Baily, Joel J. & Co.
Dobson, John & James
Dolan, Thos. & Co.
Fidelity Insurance, Trust & Safe
Deposit Co.
Girard, L. I. A. & T. Co., 2
Girard Trust, 6
Haseltine Building
Hensel, Colladay & Co.
Kirschbaum, Ab. & Co., 3
Market Street Nat'l Bank
Penn Mutual Life Ins. Co.
Philadelphia Public Buildings
Philadelphia Suit Co.
Quaker City Dye Works Co.
Reading Iron Works
Reeves, Parvin & Co.
Sharpless Brothers, 2
Simpson, Wm. Sons & Co.
Snellenberg, N. & Co.
Strawbridge & Clothier, 2
Strouse, Loeb & Co.
Wanamaker, John, 2
Wanamaker, S. M. & Co.
Weightman, Wm.
Wood, Brown & Co., 2

STEAM PASSENGER.

Girard Building
Moyer, E. P.
Wanamaker & Brown

STEAM FREIGHT.

Boyd, James & Co.
Butcher's Sons, Washington
Harrison, Frazier & Co., 4
Harrison, Havemeyer & Co., 2
Howell Brothers
Kohn, Adler & Co.
Merchant & Co.
Sherman, Roger
Smith, G. A. & Co.
Smith, Seltzer & Co.
Spreckles, Claus, 2
Stokes, Thompson & Co.

BELT MACHINES.

Baldwin Locomotive Works, 3
Baltz, J. & P., Brewing Co.
Bergdoll, L., Brewing Co.
Butterworth, H. W. & Sons
Carlton Mills
Collins, A. M. Son & Co., 2
Dolan, Thomas & Co., 4
Folwell Brothers & Co.
Geiger & Griesemer
Haas & Parsons Co., 2
Henzler & Flach
Janney, O. S. & Co., 2
Manz, G.
Maris, J. M. & Co.
Morris, Tasker & Co. (Limited)
Quaker City Dye Works, 2
Schemm, Peter, 2
Schleicher, Schumm & Co.
Spencer, Chas. & Co.
Tracy & Co.
Wilbur, H. G. & Son, 2

PINE BLUFF, ARK.

HYDRAULIC FREIGHT.
R. G. Atkinson

PINEWOOD, TENN.

BELT MACHINES.
Graham, L. C., Sons

PITTSBURGH, PA.

HYDRAULIC PASSENGER.

Bakewell Law Building, 2
Baltimore & Ohio R. R. Depot
Carr, William
Court House, 4
Duquesne Club
Exchange National Bank Bldg.
German National Bank, 2
Germania Savings Bank
Groetzinger, E.
Gusky, Mrs. J. M.
Hacke, Paul H.
Hoffstot, F. N.
Hugus & Hacke
Hussey Building
McCance, J. T.
McClintock Block
Monongahela House
Painter, J. & Sons
Patterson Block, 2
Pennsylvania R. R. Co.
St. Charles Hotel
Schmidt & Friday Building, 2
Seventh Avenue Hotel, 2
Singer Building
Stevenson Building, 2
Verner, A. V.
West Penn Hospital
Westinghouse Building, 3
White, G. R. (Estate)

HYDRAULIC FREIGHT.

Allegheny County Light Co.
Arbuthnot, Stephenson & Co.
Biber & Easton
Carr, Wm., Estate
Dalzell, L. W., 2
Gregg, David
Hoeveler, W. A.
Hoffstot, F. N.
Kay, F. G., Trustee
King, Alex., 2
McCandless, Jamison & Co.
MacIntosh, W. S., Estate
Myers, E. H. & Co.
Painter Building
Schmidt & Friday Building
Seventh Avenue Hotel
Shannon, W. T. & Son
Stevenson Building
Union Storage Co.
Walker, S. C.
Watson, T. D.
Wells, A. E.
Westinghouse Building, 5
Yeager, C.

STEAM PASSENGER.

Horne, Joseph.

STEAM FREIGHT.

Arbuthnot, Shannon & Co.
Hacke, P. H.
Horn, Joseph
Pleasant Valley Street Railway

BELT MACHINES.

Bradley, A. & Co.
Haslage, W. & Co.
Marvin, S. S. & Co., 2
Schmertz, W. E. & Co.
STEAM AND HYDRAULIC HOISTS.
Carnegie Brothers & Co. (Furnaces A. B. & G.) 3
Edith Furnace Co.
Jones & Laughlins

Laughlin & Co., 2
Ridgewood Incline Railway Co.,
I. T. d.
Voughnghenry Coal Co.

PITTSFIELD, MASS.

HYDRAULIC PASSENGER.
Berkshire Life Ins. Co.
Wollison, R. D.

PLATTSBURGH, N. Y.

STEAM AND HYDRAULIC HOISTS.
Chateaugay Ore & Iron Co.

PORT CARBON, PA.

STEAM AND HYDRAULIC HOISTS.
Reading Coal & Iron Co.

PORT CHESTER, N. Y.

BELT MACHINES.
Abendroth Brothers
Lafave & Co.
Pond, West & Simons
Russell, Burdall & Ward, 4

PORT HENRY, N. Y.

STEAM AND HYDRAULIC HOISTS.
Port Henry Iron & Steel Co.

PORT HURON, MICH.

HYDRAULIC PASSENGER.
Meisel, C. G. & Bro.

PORTLAND, ME.

HYDRAULIC PASSENGER.
Brown, J. B. (Estate) 2
Chapman, C. C.
Falmouth Hotel
First National Bank
Portland Packing Co.

HYDRAULIC FREIGHT.

Brown, J. B. (Estate) 4
Burnham & Morrill
Chase, E. F.
Chase & Knight
Cook, Everett & Pennell
Cousens & Tomlinson
Harris, Gage & Tolman
Milliken, W. & C. R.
Moulton, W. H.
Mussey, John (Estate)
Portland Packing Co., 3
Richardson Wharf Co.
Shaw, Hammond & Carney
Smith, Tibbitt's & Co.
Storer Brothers
Thomas, E. & Co.
Whitney, Miss A., 2

BELT MACHINES.

Baxter, J. P.
Conant, Patrick & Co.
Hanley, James & Co. (Silver
Spring Brewery)
Household Sewing Machine Co.
Hill, N. T.
Richardson, R. M., 2
True, D. W. & Co.

PORTLAND, OREGON.

HYDRAULIC PASSENGER.

Dekum, Frank
Duncan Estate
Fliedner & Holman
Holton House
Kamm, Jacob
Masonic Hall
Portland Savings Bank
Reed, S. G., 2
St. Charles Hotel
Villard Hotel, 2

USERS OF THE HALE ELEVATOR.—Continued.

HYDRAULIC FREIGHT.
Bingham, John R.
Burrell, Thomas & Co., 2
Corbett, Elijah
Davenport
DeKum, Frank
Failing, H.
Frank Brothers
Golden Rule Bazaar
Harker, Asa
Holman & Friednor
Kamm, Jacob, 3
Mead, S. (Estate) 2
Millard & Van Schuyver
Pittock, H. L.
Reed, S. G.,
Sutton, Charles E.
Smith, B.
Smith, W. V. & P. C.
Staver & Walker
Whitter, Fuller & Co. (Start Block)

POTTSTOWN, PA.
HYDRAULIC FREIGHT.
Hirshler & Fox
STEAM AND HYDRAULIC HOISTS.
Glasgow Iron Co., 2
Pottstown Iron Co.
Warwick Iron Co.

POTTSVILLE, PA.
STEAM AND HYDRAULIC HOISTS.
Pioneer Furnace
Pottsville Iron & Steel Co., 2

POUGHKEEPSIE, N. Y.
STEAM PASSENGER.
Vassar College
BELT MACHINES.
Adrianse, Platt & Co., 3
Dunmoody Bros.
Lown, David
Whitehouse, J. O.

STEAM AND HYDRAULIC HOISTS.
Falkill Iron Co., 2

PRINCETON, N. J.
HYDRAULIC PASSENGER.
Princeton Hotel

PROVIDENCE, R. I.
HYDRAULIC PASSENGER.
Barstow, A. C.
Blackstone Building
Butler Exchange, 2
Central Hotel
Flint & Co.
Ladd, H. W. & Co.
Providence County Court House
Rhode Island Hospital
Tefft Block
"What Cheer" Building
Wilkinson Estate

HYDRAULIC FREIGHT.
Almy, E. C.
Blanding, Wm. B.
Breck, T. & W.
Butler Exchange
Equitable Fire & Marine In. Co.
Owen, G. & S.
Sanders, Whitford & Bartlett
Tefft Block
Union Street Railroad Co.
Whitford, Aldrich & Co., 2
Wilkinson Estate

BELT MACHINES.
American Screw Co.
Atlantic Mfg. Co.
Bligh, John

Johnson, Oliver & Co.
Remington, Horace
Stillwater Woolen Mills
Wanskuck Co., 3

PUEBLO, COL.
HYDRAULIC PASSENGER.
Reittbery, Mrs. H. O.

PULLMAN, ILL.
BELT MACHINES.
Pullman Palace Car Co.

PUTNAM, CONN.
BELT MACHINES.
Putnam Woolen Co.

QUINNIMONT, W. VA.
STEAM AND HYDRAULIC HOISTS.
New River Car Co.

QUINCY, ILL.
HYDRAULIC PASSENGER.
Nelke, F. & Sons
Quincy Hotel Co.
HYDRAULIC FREIGHT.
Quincy Hotel Co.
Warfield, W. S.

STEAM FREIGHT.
Lessem, I. & Co.

BELT MACHINES.
Comstock, Castle & Co.

RAHWAY, N. J.
BELT MACHINES.
Gordon Press Works

RAILROAD MILLS, N. J.
BELT MACHINES.
Helme, George W. Co., 2

RARITAN, N. J.
BELT MACHINES.
Raritan Woolen Mills

RAVENSWOOD, N. Y.
BELT MACHINES.
New York Architectural Terra Cotta Co., 2

READING, PA.
HYDRAULIC PASSENGER.
Dives, Pomeroy & Stewart
BELT MACHINES.
Baldwin, V. W.
Jones, D. Y. & Co.
Lauer Brewing Co.
Reading Hardware Co., 2

RICHFIELD SPRINGS, N. Y.
HYDRAULIC PASSENGER.
Spring House

RICHMOND, IND.
HYDRAULIC PASSENGER.
Kelly & Hutchinson
Knollenberg, George H.
HYDRAULIC FREIGHT.
Hutton, J. M.

RICHMOND, VA.
HYDRAULIC PASSENGER.
Richmond City Hall, 3
State Capitol

BELT MACHINES.
Levy & Davis
Snyder, Powers & Co.
Tredegar Co., 2

RIEGELSVILLE, PA.
STEAM AND HYDRAULIC HOISTS.
Durham Iron Works

RISING FAWN, GA.
STEAM AND HYDRAULIC HOISTS.
Walker Iron & Coal Co.

ROANOKE, VA.
STEAM AND HYDRAULIC HOISTS.
Crozer Steel & Iron Co.

ROARING SPRINGS, PA.
BELT MACHINES.
Roaring Springs Blank Book Co

ROCHESTER, N. Y.
HYDRAULIC PASSENGER.
American Express Co.
Elwood Memorial Building
Power's Block, 3
BELT MACHINES.
Archer, G. W. & Co.
Bausch & Dransfield
Cowles, Curtis & Brady
Guckenheimer, Schwartz & Co.
Hayden, Charles J. & Co., 2
Hough & Ford
Hunn, Spencer & Co.
Judson, Junius & Son
Lampert, Henry
Moulton, Samuel

ROCHESTER, PA.
BELT MACHINES.
Rochester National Paint Co.

ROCKFORD, ILL.
HYDRAULIC PASSENGER.
Holland House
Rockford Hospital

ROME, GA.
HYDRAULIC FREIGHT.
Rounsaville & Brother

ROME, N. Y.
HYDRAULIC PASSENGER.
McHarg Block

ROUND ISLAND, N. Y.
HYDRAULIC PASSENGER.
The "Frontenac."

ROUSE'S POINT, N. Y.
BELT MACHINES.
Lovell, John & Sons, 2

RUTLAND, VT.
HYDRAULIC PASSENGER.
Rutland Bank Building

ST. ALBANS, VT.
HYDRAULIC PASSENGER.
Weldon House

ST. AUGUSTINE, FLA.
HYDRAULIC PASSENGER.
"Alcazar," The
Hotel "Ponce de Leon," 2
Hotel San Marco
Lyon Building Co.
St. Augustine Hotel

HYDRAULIC FREIGHT.
Hotel "Ponce de Leon"
Lyon Building Co.

ST. CLAIR, MICH.
HYDRAULIC PASSENGER.
Oakland Hotel

ST. JOSEPH, MO.
HYDRAULIC PASSENGER.
Brady, J. B.
Chambers, Marney & Co.
Commercial Building Co.
McDonald Mfg. Co.
Lockwood, Engelhart & Co.

HYDRAULIC FREIGHT.
Bailey, Farleigh & Weil
Brittain, J. S. & Co.
Lockwood, Samuel
McDonald, R. L. & Co.
Nave & McCord Mercantile Co.
Noyes, Norman & Co.
Pinger, David
Saxton, A. M.
Smith, C. D. Drug Co.
Steele, Walker & Co.
Tootle, Milton, 3
Turner, Frazer & Co.
Weil, I. & Co.
Wyeth, W. M. & Co.

BELT MACHINES.
Brittain, Richardson & Co.

ST. LOUIS, MO.
HYDRAULIC PASSENGER.
American Central Ins. Bldg., 2
Armory Hall
Bank of Commerce, 2
Brandt, John G.
Chapman Building
Frank Bros.
Gay's Central Building, 2
Granite Building
Hurst's Hotel
Lionberger, John R., 2
Lindell Hotel
Lubric Brothers
Mercantile Block and Real Estate Association
Merchant's Exchange, 3
Mercantile Library, 3
Moloney, T. F.
Moser Hotel
Nicholson, D., Estate
Nugent, B. & Bro., 2
Odd Fellows' Bldg., 4
Pierce, H. C.
Planter's House
Pope's Theatre Building
Real Estate Exchange
Roe Building, 2
Rosenthal, J. W. & Co.
Southern Hotel, 2
Temple Building
Third National Bank Building
Turner Real Estate & Building Association, 2
U. S. Custom House and Post Office, 3
Vandalia Building
Wells Building

HYDRAULIC FREIGHT.
Armour Packing Co.
Aufderheide, F. W.
Belcher Sugar Refinery
Cupple's Samuel, Wooden Ware Co., 2
Fallon, B. O. Estate
Ginochio Bros. & Co.
Homann & Hotze
Insane Hospital, 2
Jannapoulo, D.
Lindell Hotel

USERS OF THE HALE ELEVATOR.—Continued.

Lionberger, John R., 5
Mercantile Library
Monks, Jas.
Morris, M. T.
Nugent, B. & Bros.
Osborne, D. M. & Co.
Roe Building, 2
Keyburn, Amedeo V.
Scrugg, Vandervoort & Barney
Southern Hotel, 3
Turner Real Estate & Building
Association
U. S. Custom House and Post
Office, 3
Wallace, Mrs. R. R., 2
Whitelaw, George P.

STEAM PASSENGER.

Collier Estate
Chamber of Commerce, 2
Frankenthal, A.
Gay, Edward J.
Hoyle, Chas.
Kozier Hotel
Rosenheim, M.
Singer Building
St. Louis Republican
"The Famous" Store
Third National Bank

STEAM FREIGHT.

Brislin, D. A.
Chouteau, Chas. P., Transporta-
tion Co.
Frankenthal, A.
Goldstien, Wm.
Hoyle, Chas., 3
Rosenheim, M.
Simmons Hardware Co.

BELT MACHINES.

Gay, Edward J., 4
"Globe-Democrat" Printing Co.
Hamilton, Brown Shoe Co., 2
St. Louis Republican
Sumner, A.

STEAM AND HYDRAULIC HOISTS.
Bank of Commerce

ST. PAUL, MINN.

HYDRAULIC PASSENGER.

Baugh's European Hotel
Chamber of Commerce
Drake Block
Farrington, John
Germania Life Ins. Co., 3
Gilfillan Block
Globe Building, 2
Mannheimer Block
Merchants' Hotel
Northern Pacific R. R., General
Offices
New York Life Ins. Co., 4
Pioneer Press
St. Peter St. Imp. Co.

HYDRAULIC FREIGHT.

Globe Bldg. Co.
Pioneer Press Bldg.

BELT MACHINES.

Driscoll, F.
Schumman, Charles
St. Paul "Press"

STEAM AND HYDRAULIC HOISTS.
New York Life Ins. Co.

SALEM, MASS.

HYDRAULIC PASSENGER.

Peabody, S. Endicott
Webber & Co.

HYDRAULIC FREIGHT.

Hale, Henry & Co.

SALT LAKE CITY, UTAH.

HYDRAULIC PASSENGER.

Auerbach, T. & Brother
Wasatch Block
Zion Co-Operative and Mercan-
tile Inst.

SAN ANTONIO, TEXAS.

HYDRAULIC PASSENGER.

Dullnig, Geo.
Kampmann, J. H.
Maverick Building
Mengre Hotel

HYDRAULIC FREIGHT.

Dullnig, Geo., 2

SAN DIEGO, CAL.

HYDRAULIC PASSENGER.

Consolidated National Bank
Greeley, Neswith Building
Pierce & Morse
St. James Hotel

HYDRAULIC FREIGHT.

Pierce & Morse

SAN JOSE, CAL.

HYDRAULIC PASSENGER.

Hotel Vendome

SANDUSKY, OHIO.

HYDRAULIC PASSENGER.

Sloane House

HYDRAULIC FREIGHT.

Stoll, A. J.

SAUGERTIES, N. Y.

BELT MACHINES.

Bohr, N. C., Shoe Co.

SAN FRANCISCO, CAL.

HYDRAULIC PASSENGER.

Baker, A., Ap. House
Bishop, H. R., 2
Crocker, Chas., Estate
Donahue, Col. Peter, Estate, 3
Hayward, Alvinza
Hobart, W. S.
Hotel Pleasanton
Lick House
Murphy, D. T., Estate, 2
Nucleus Block, 2
Occidental Hotel
Odd Fellows Hall
Parrott, Mrs. John
Pope Estate
Sharon Estate
Southern Pacific Co.'s Office
U. S. Appraiser's Stores
Walter, D. N. & E., & Co.

HYDRAULIC FREIGHT.

Bishop, H. R. (Nucleus Bldg.), 4
Crocker, Chas., 2
Donahue, Col. Peter, 8
Hobart, W. S., 2
Hopkins, Timothy
Jones & Co., 2
Jordan, R.
Joseph, Mrs., 3
Parrott, John, Estate
Walter, D. N. & E., & Co.
Levi, H.
Michaels & Watt, 3
Murphy, D. T., Estate

STEAM PASSENGER.

Murphy, Grant & Co.
Safe Deposit Co.

STEAM FREIGHT.

Murphy, Grant & Co., 3
Safe Deposit Co.
San Francisco Stock Exchange

BELT MACHINES.

Folger, J. A. & Co.
Fulton Iron Works
Hobbs, Wall & Co., 4
Levi, H. & Co.
Murphy, Grant & Co.

SANTA ANA, CAL.

HYDRAULIC PASSENGER.

Santa Ana Hotel and Land Co.

SANTA MONICA, CAL.

HYDRAULIC PASSENGER.

Hotel Arcadia

SARATOGA, N. Y.

HYDRAULIC PASSENGER.

Clarendon Hotel
"The American" Hotel
The "Kensington"

STEAM PASSENGER.

Congress Hall
Grand Union Hotel, 2
U. S. Hotel, 2

SAVANNAH, GA.

HYDRAULIC PASSENGER.

Masonic Temple

HYDRAULIC FREIGHT.

Savannah Hospital

BELT MACHINES.

Acosta, E. J.

SAXTON, PA.

STEAM AND HYDRAULIC HOISTS.

Powell's, Rob't Hare, Sons & Co.
(Limited), 2

SCHENECTADY, N. Y.

HYDRAULIC FREIGHT.

Schenectady Loco. Works

SCOTTDAL, PA.

STEAM AND HYDRAULIC HOISTS.

Charlotte Furnace Co.

SCRANTON, PA.

STEAM AND HYDRAULIC HOISTS.

Hands, Junge Alfred
Lackawanna Iron and Coal Co.
Moses Taylor Hospital

SEATTLE, W. T.

HYDRAULIC PASSENGER.

Boston Block
Mehlhorn & Gasch
Occidental Hotel
Jessler Block

HYDRAULIC FREIGHT.

Campbell, James
Gordon Hardware Co.

SENECA FALLS, N. Y.

BELT MACHINES.

National Yeast Co.
Seneca Falls Knitting Mills

SHAWNEE, OHIO.

STEAM AND HYDRAULIC HOISTS.

N. Y. & Perry Coal & Iron Co.

SHEFFIELD, ALA.

STEAM AND HYDRAULIC HOISTS.

Ala. & Tenn. Coal & Iron Co., 3
First National Bank
Lady Ensley Furnace Co.
Sheffield Furnace Co.

SHARON, PA.

STEAM AND HYDRAULIC HOISTS.

Sharon Iron Works.
Stewart Iron Co.
Westerman Iron Co.

SHELBY, ALA.

STEAM AND HYDRAULIC HOISTS.

Shelby Iron Works

SIOUX CITY, IA.

HYDRAULIC PASSENGER.

Hubbard House

SIOUX FALLS, DAK.

HYDRAULIC PASSENGER.

J. & W. Mulhall
Syndicate Block

SING SING, N. Y.

BELT MACHINES.

Brandreth, B.
Perry & Co.
Sing Sing Prison, 2
Woodruff, C. H.

SOUTH BEND, IND.

HYDRAULIC PASSENGER.

Studebaker Bros.

SOUTH NORWALK, CONN.

BELT MACHINES.

Lonsberry Bros. & Rockwell, 2
Morrison, Son & Hutchinson
Norwalk Iron Works

SOCORRO, NEW MEXICO.

STEAM AND HYDRAULIC HOISTS.

C. Billing's Smelting Works

SOUTH RIVER, N. J.

BELT MACHINES.

Hermann, Aukam & Co.

SPOKANE FALLS, W. T.

HYDRAULIC PASSENGER.

Cushing, Theodore
Frankfort Block
Gilton & Kaufman

SPRINGFIELD, ILL.

HYDRAULIC PASSENGER.

Dalbey, Joel

HYDRAULIC FREIGHT.

Bunn, John W. & Co.

SPRINGFIELD, MASS.

HYDRAULIC PASSENGER.

Brigham, D. H.
Clark, E. O. & Co.
Morgan Envelope Co.

HYDRAULIC FREIGHT.

Boston & Albany R. R. Depot

BELT MACHINES.

Kibbie Bros. & Co.
Ray & Taylor
Springfield Steam Power Co., 2

USERS OF THE HALE ELEVATOR.—Continued.

SPRINGFIELD, MO.

HYDRAULIC PASSENGER.
Baker, Jas.

SPRINGFIELD, O.

HYDRAULIC PASSENGER.
Arcade Hotel
Mitchell Building

HYDRAULIC FREIGHT.
Stewart & Folger

BELT MACHINES.
Andrews, Wise & Putnam

STAMFORD, CONN.

BELT MACHINES.
Collender Wood Working Co.

STILLWATER, MINN.

HYDRAULIC FREIGHT.
St. Paul & Duluth R. R.

SWAMPSCOTT, MASS.

HYDRAULIC PASSENGER.
Ocean House

SYRACUSE, N. Y.

HYDRAULIC PASSENGER.
Crouse, J., Ap. House
Crouse, D. Edgar (Stable Bldg.)
Everson & Co.
Florence Flats
Hier, J. P.
Leland Hotel
McCarthy, D., Sons & Co.
Mowry, H. J.
"Montgomery" Ap. House
Third National Bank

HYDRAULIC FREIGHT.
Coggswell, W. B.

Crouse, D. Edgar
McCarthy, D., Sons & Co.

BELT MACHINES.
Solvay Process Co.

STEAM PASSENGER.
Onondaga County Savings Bank

STEAM FREIGHT.
Dunn, Salmon & Co.
McCarthy, D. & Sons

BELT MACHINES.
Hall, F. & Co.
Ostrander, Loomis & Co.
Sanderson Bros. Steel Co.
Sweet's Mfg. Co.

TACOMA, W. T.

HYDRAULIC PASSENGER.
Tacoma Hotel

TAFTVILLE, CONN.

BELT MACHINES.
Ponemah Mills

TARRYTOWN, N. Y.

HYDRAULIC PASSENGER.
Rockefeller, Wm. (residence)

BELT MACHINES.
Silver, G. & D.

TAUNTON, MASS.

HYDRAULIC PASSENGER.
Weir Stove Co.

BELT MACHINES.
Albion White Lead Works

TERRE HAUTE, IND.

HYDRAULIC FREIGHT.
Bement, Rea & Co.
Cook & Bell
Demas & Deming
Smith, C. C.
Zimmerman, C.

TECUMSEH, ALA.

STEAM AND HYDRAULIC HOISTS.
Tecumseh Iron Co.

THOMASVILLE, GA.

HYDRAULIC PASSENGER.
Mitchell House.

STEAM PASSENGER.
Piney Woods Hotel

THREE RIVERS, MASS.

BELT MACHINES.
Otis Co.

TOLEDO, O.

HYDRAULIC PASSENGER.
Chamber of Commerce
Produce Exchange
St. Clair Office Building

BELT MACHINES.
Baldy & Co.
Stevens, B. A., 2

Warren & Bidwell

TOMPKINSVILLE, S. I., N. Y.

BELT MACHINES.
De Jonge, Louis & Co., 2

TOPEKA, KAN.

HYDRAULIC PASSENGER.
Atchison, Topeka & Santa Fe
R. R. Co., 2
Bartholomew & Co.
Copeland Hotel
Hotel Throope

HYDRAULIC FREIGHT.
Atchison, Topeka & Santa Fe
R. R. Co., 2

TRAVERSE CITY, MICH.

HYDRAULIC PASSENGER.
Hannah, Lay & Co.

HYDRAULIC FREIGHT.
Hannah, Lay & Co., 2

TRENTON, N. J.

HYDRAULIC PASSENGER.
Scudder & Dunham

BELT MACHINES.
Dalton, Wm. & Co.
Roebling, The J. A., Sons Co., 4

TROY, N. Y.

HYDRAULIC PASSENGER.
Burden, I. Townsend (residence)
Church & Phalen
Orr, S. A. (residence)
Quackenbush, G. V. S. & Co.
Warren, J. M. & Co.

HYDRAULIC FREIGHT.
Orr's & Co.
Warren, J. M. & Co.

BELT MACHINES.
Burden Iron Works, 3
Bussy-McLeod Stove Co.
Co-operative Stove Works
Crampton & Belden
Earl & Wilson
Fuller & Warren Company, 2

STEAM AND HYDRAULIC HOISTS.

Albany & Rensselaer Iron and
Steel Co., 3
Burden Iron Co., 2
Troy Steel & Iron Co., 3

UNION HILL, N. J.

BELT MACHINES.
Peters, Wm.

UTICA, N. Y.

HYDRAULIC PASSENGER.
Mann Building
Rowlands, W. R.

BELT MACHINES.
Franklin Iron Co., 2
Globe Woolen Mills, 3
Reynolds, George A.

WACO, TEXAS.

HYDRAULIC PASSENGER.
McClelland Hotel

WAPPINGER'S FALLS, N. Y.

BELT MACHINES.
Dutchess Co. (Garnier & Co.)

WASHINGTON, D. C.

HYDRAULIC PASSENGER.
Census Bureau Building
Clarendon Hotel
Corcoran Building
Department of Justice
Ebbitt House
Evans Building, 2
Executive Mansion
Fendall Building
Ferguson, T. B. (residence)
Firemen's Insurance Co.
Glover, C. C.
Hamilton House
Hooe Building
Hotel Arno
Lansburgh Brothers
Louise Home
Maltby Apartment House
Metropolitan Hotel
Money Order Building
Moses, W. B. & Son
Morton, L. P., Apartment House
National Safe Deposit Co.
National Hotel
Palmer, Thomas W. (residence)
Portland Ap. House
Post Building
Providence Hospital
"Richmond" Ap. House
Saks, A. & Co.
Small, J. H. & Son
Soldiers' Home
State, War and Navy Building
U. S. Capitol, 2
U. S. Patent Office
U. S. Post Office
U. S. Treasury Building, 2
Vernon Row
Winder Building
Woodward & Lothrop, 2
Wormley's Hotel

HYDRAULIC FREIGHT.
Government Insane Asylum
Moses, W. B. & Son
National Safe Deposit Co.
Woodward & Lothrop
W. S. Capitol (Senate Wing)

STEAM PASSENGER.

Hillman House
State, War and Navy Dept., 2
Washington Monument (550 ft.
high)
Willard's Hotel

STEAM FREIGHT.

U. S. Capitol
Washington Monument (550 ft.
high)

BELT MACHINES.
Government Printing Office, 2
Ward, F. K., 2

WARD'S ISLAND, N. Y.

BELT MACHINES.
Ward's Island Hospital, 2

WATERBURY, CONN.

HYDRAULIC FREIGHT.
Burritt, A., Hardware Co.

STEAM FREIGHT.
Hellman & Kipp

BELT MACHINES.
Great Brook Co.

WATERTOWN, N. Y.

HYDRAULIC FREIGHT.
Remington Paper Co.

BELT MACHINES.
Agricultural Insurance Co.
Remington Paper Co., 2

WAUKESHA, WIS.

STEAM PASSENGER.
Fountain Spring Hotel

WEST BRIGHTON, L. I., N. Y.

BELT MACHINES.
N. Y. Dyeing and Printing Es-
tablishment

WEST BROOKFIELD, MASS.

BELT MACHINES.
McIntosh & Co.

WEST FARMS, N. Y.

BELT MACHINES.
Bucking Wood & Leather Co.

WEST POINT, N. Y.

STEAM PASSENGER.
Cranston's Hotel

WHEELING, W. VA.

BELT MACHINES.
Bodley Bros.
Riverside Iron Works

STEAM AND HYDRAULIC HOISTS.

Belmont Nail Co.
Riverside Iron Co.
Wheeling Iron and Nail Co.

WHITE MOUNTAINS, N. H.

HYDRAULIC PASSENGER.
Profile House

WHITEHALL, N. Y.

BELT MACHINES.
Dale Silk Mill

WICHITA, KAN.

HYDRAULIC PASSENGER.
Carey, John B. & Co.
Blackwelder & Rouse
Fechheimer, M. M.
Fletcher, Wm.
Zimmerly, Mrs. N.

USERS OF THE HALE ELEVATOR.—Continued.

WILKESBARRE, PA.
HYDRAULIC PASSENGER.
Hollenback Building
Luzerne House

BELT MACHINES.
Stegmaier, C., & Sons

WILLIMANTIC, CONN.

HYDRAULIC PASSENGER.
Hooker, S. C.
Brainard House

WILLIAMSPORT, PA.

HYDRAULIC PASSENGER.
Park Hotel

HYDRAULIC FREIGHT.
Williamsport Furniture Co.

WILMINGTON, DEL.

HYDRAULIC PASSENGER.
Clayton House

HYDRAULIC FREIGHT.
Baltimore & Ohio R. R. (Station)

WILMINGTON, N. C.

HYDRAULIC PASSENGER.
Orton Hotel

WILTON, VA.

STEAM AND HYDRAULIC HOISTS.
D. S. Cook (Princess Furnace)

WINOOSKI FALLS, VT.

BELT MACHINES.
Burlington Woolen Co.

WINTER PARK, FLA.

HYDRAULIC PASSENGER.
The Seminole Hotel

WINONA, MINN.

HYDRAULIC PASSENGER.
Choate, H.

WOLCOTTVILLE, CONN.

BELT MACHINES.
Turner & Clark Mfg. Co.

WOODWARD, ALA.

STEAM AND HYDRAULIC HOISTS.
Woodward Iron Co.

WOONSOCKETT, R. I.

BELT MACHINES.
Harris, E., 2

WOODHAVEN, L. I.

HYDRAULIC FREIGHT.
Lelance & Grosjean Mfg. Co., 2

WORCESTER, MASS.

HYDRAULIC PASSENGER.
Public Library Building

HYDRAULIC FREIGHT.
Clark, J. G.

BELT MACHINES.

Baker, Charles & Son
Ball, R. & Co.
Cleveland Machine Works
Crompton Carpet Co.
Washburn & Moen Mfg. Co.
Wetherby, Rugg & Wilson

YANTIC, CONN.

BELT MACHINES.
Williams, E. W.

YONKERS, N. Y.

HYDRAULIC PASSENGER.
N. Y. & Northern R'y
St. Joseph's Hospital

HYDRAULIC FREIGHT.

N. Y. & Northern R'y

STEAM PASSENGER.

Home for the Aged

BELT MACHINES.

Baldwin & Flagg, 2
Rose, McAlpin & Co.
Saunders, D., Sons
Smith Moquette Loom Co., 9
Waring, John T.
Yonkers Hat Mfg. Co., 2

YOUNGSTOWN, O.

HYDRAULIC PASSENGER.

Wick Bros. & Co's Bank

STEAM AND HYDRAULIC HOISTS.

Brier Hill Coal & Iron Co.
Brown, Bonnell & Co.
Himrod Furnace Co.
Kyle Coal Co.
Struthers Furnace Co.

ZANESVILLE, O.

BELT MACHINES.
American Encaustic Tiling Co

FOREIGN USERS OF THE HALE ELEVATOR.

ADELAIDE, AUSTRALIA.

HYDRAULIC PASSENGER.
Robb's Exchange, 2
Sands & McDougall

HYDRAULIC FREIGHT.
Lamb, J.

ALMONTE, CANADA.

BELT MACHINES.
Rosamond, B. W. & Co.

AMSTERDAM, HOLLAND.

HYDRAULIC PASSENGER.
Clinic Hospital
Hotel du Passage

ARNHEIM, NETHERLANDS

HYDRAULIC PASSENGER.
Diaconessen Huis

AUCKLAND, N. Z.

HYDRAULIC PASSENGER.
Lamb, John

BAYSWATER, ENGLAND.

HYDRAULIC PASSENGER.
Lyon, F. B.

BERLIN, GERMANY.

HYDRAULIC PASSENGER.
Brueck, Oscar
Kayser & Von Grossheim, 109
Leipziger strasse
New York Life Insurance Co., 14
Potsdamer strasse
Pschorr, G., Tauben strasse 23 a
Schimmelpfeng, William
Siegle, Spandauerstrasse, 2
Taubenstrasse, 23a.

BELFAST, IRELAND.

HYDRAULIC PASSENGER.
Robinson & Cleaver

BIRMINGHAM, ENGLAND.

HYDRAULIC PASSENGER.
New Workhouse Infirmary, 2

BOLTON, ENGLAND.

HYDRAULIC FREIGHT.
Proctor & Huinell

BRADFORD, ENGLAND.

BELT MACHINES.
The "Observer"

BRIGHTON, ENGLAND.

HYDRAULIC PASSENGER.
Chappell, John T.
Lion Mansion

HYDRAULIC FREIGHT.
Lion Mansion

BRISBANE, AUSTRALIA.

HYDRAULIC PASSENGER.
Carew, Gardner & Billington
Patterson, T. McDonald

HYDRAULIC FREIGHT.

Harper, Robert & Co., 2
Patterson, T. McDonald

BUDAPEST, HUNGARY.

HYDRAULIC PASSENGER.
Municipality of Budapest.

BUENOS AYRES, SOUTH AMERICA.

HYDRAULIC PASSENGER.
Executive Mansion

HYDRAULIC FREIGHT.
Co-operative Stores

BELT MACHINES.
So. Am. Bank Note Co., 2

CANNES, FRANCE.

HYDRAULIC PASSENGER.
Hotel Continental.

HYDRAULIC FREIGHT.
Hotel Continental

COATICOOK, CANADA.

BELT MACHINES.
Tolley Manufacturing Co.

DUBLIN, IRELAND.

HYDRAULIC PASSENGER.
Jervis Street Hospital

DUNDAS, CANADA.

BELT MACHINES.
Canada Screw Co.

STEAM AND HYDRAULIC HOISTS.
Steel Company of Canada.

DURHAM, ENGLAND.

HYDRAULIC PASSENGER.
Bramwell

EDINBURGH, SCOTLAND.

HYDRAULIC PASSENGER.
Edinburgh Hotel
New Palace Hotel

FOREIGN USERS OF THE HALE ELEVATOR.—Continued.

GENEVA, SWITZERLAND.

HYDRAULIC PASSENGER.
Baroness Rothschilds' Chateau
Hotel d' Angleterre

GLASGOW, SCOTLAND.

HYDRAULIC PASSENGER.
Citizen Building, 2
Hill, R. Wylie & Co.
Municipal Buildings

HYDRAULIC FREIGHT.
Hill, R. Wylie & Co.

BELT MACHINES.
Howe Sewing Machine Co.

GREAT MALVERN, ENGLAND.

HYDRAULIC PASSENGER.
Imperial Hotel

HASTINGS, ENGLAND.

HYDRAULIC PASSENGER.
Grand Hotel Co.

HAMILTON, CAN.

HYDRAULIC PASSENGER.
Canada Life Assurance Co.

HAVANA, CUBA.

BELT MACHINES.
Durand, Joseph
Poey, Juan M., 2

HONG KONG, CHINA.

HYDRAULIC FREIGHT.
Hong Kong Hotel

ISTHMUS OF PANAMA.

STEAM AND HYDRAULIC HOISTS.
Panama Canal, 20

KINGSVILLE, CANADA.

HYDRAULIC PASSENGER.
Kingsville Hotel

LANNCESTON, TASMANIA.

HYDRAULIC PASSENGER.
Bank of Tasmania

LEIPZIG, GERMANY.

HYDRAULIC PASSENGER.
Hotel Hauße

LIVERPOOL, ENGLAND.

HYDRAULIC PASSENGER.
Grand Hotel
Hahnemann Hospital
Ismay, Thomas H.
Prudential Assurance Co.
Turner Memorial Home

HYDRAULIC FREIGHT.
Taylor, R.

LUCERNE, SWITZERLAND.

HYDRAULIC PASSENGER.
Hotel Luzernerhof
Hotel Suisse, 2

HYDRAULIC FREIGHT.
Hotel Suisse

LONDON, ENGLAND.

HYDRAULIC PASSENGER.

Albert Gate Mansions, Knights-
bridge
Albert Hall Mansions 6,
Alexander Hotel
Alexandra House, South Ken-
sington
Alliance Insurance Co.
Bailey's Hotel
Bank of New South Wales
Barkston Mansions, Barkston
Gardens, 3
Bartholomew House, Bartholo-
mew Lane, E. C.
Bedford Hotel, Covent Garden
Burns, Walter (res. 69 Brook
Street)

Carlisle Chambers, Chelsea, 2
Carlisle Mansions, Victoria st., 5
Cawley's S. & R. Flats
Chartered Mercantile Bank of
India, London and China, Old
Broad Street, E. C.

Cranley Mansions
Cromwell Mansions
Duke of Marlborough (residence)
Duke St. Mansions, 2
Fleming, George
Great Northern Hotel
Grosvenor Mansion, Duke St.,
W., 2

Hotel Victoria, 4
Junior Army and Navy Stores, 2
Kent House (Lady Ashburton)
King's College Hospital
King's Cross Hotel
London & Northwestern Ry.,
Westminster, 2
London Temperance Hospital
Lyons, F. B. (residence), Bays-
water

Manchester Hotel, Aldersgate
Mansion House Buildings
Mayfair Residential Chambers
Met. Underground Railway
Museum Mansion, Great Russell
street

National Liberal Club, 3
Pulteney Hotel, Albemarle St.
Reliance Insurance Co., 2
Robinson, William, 63 Lincoln's
Inn Fields
Residential Chambers, 5 Half-
moon street

Royal Hospital for Diseases of
the Chest, City Road
Sandon Brothers
Savoy Hotel, Thames Embank-
ment, 6

Shanks, F. & R., 30 New Bond
street, W.
Schoolbred & Co., Tottenham
Court Road

South Kensington Hotel
Spiers & Pond (Criterion) 2
Warrford Court Offices, 3
Waterlow & Sons
Whitehall Court, 18
"York Mansions," Earl's Court
Road

HYDRAULIC FREIGHT.

Albert Hall Mansions
Junior Army & Navy Stores, 3
King's College Hospital
London Joint Stock Bank
National Liberal Club
Northumberland Ave. Hotel, 3
Savoy Hotel, 2
Shanks, F. & R.
Southwark & Vauxhall Water
Co.
University Co-operative Stores, 4
Whitehall Court, 12

BELT MACHINES.

Bradbury, Wilkinson & Co.

MAITLAND, N. S. W., AUS-
TRALIA.

HYDRAULIC PASSENGER

Capper, E. P. & Sons

HYDRAULIC FREIGHT.

Capper, E. P. & Sons

BELT MACHINES.

Capper, E. P. & Sons, 2

MANCHESTER, ENGLAND.

HYDRAULIC PASSENGER.

Grosvenor Hotel
Imperial Hotel
Jones, Brothers & Co.
Kendal Milne & Co.
Manchester Conservative Club
Queen's Hotel
Town Hall

MATLOCK, ENGLAND.*

HYDRAULIC PASSENGER.

Smedley's Hydropathic Estab.

MELBOURNE, AUSTRALIA.

HYDRAULIC PASSENGER.

Ruxton, J. T.
City Property Co.
Fink, B. J., 3
Freehold Investment & Banking
Co.

James, C. H., 3
Lang, F. C.
Melbourne Arcade, 5
Melbourne Building Society
Melbourne Coffee Palace
Melbourne Hospital
Menzie's Hotel
Mercantile Finance & Guarant-
tee Agency Co., 2
Modern Permanent Building So-
ciety, 2

Mutual Store
Nicholson's Corner Building
Palace Hotel (J. A. Wilson), 2
Premier Permanent Bldg. Soc'y
Prel, F. W., 6
Queen's Building, 2

Robb, John, 2
Robb, John, Queen's Building, 2
Sands & McDougal
Temperance & General Life As-
surance Society
Universal Building Co.
Victoria Railway Office, 2
Wilson, J. A., 2
Wallach Brothers
Wood's Hotel

HYDRAULIC FREIGHT.

Dalgaty & Co., 8
Ferguson & Mitchell, 2
Freehold Investm't & Bank'g Co
Lange, F. C., 2

Lang
Modern Permanent Building So-
ciety, 2
Premier Permanent Bldg. Soc'y
Universal Building Society, 2
Wallach Brothers, 2
Wilson, J. A., 3

STEAM FREIGHT.

Fink, B. J., 2

BELT MACHINES.

Austral-Otis, E. & E. Co., Agts., 4
Modern Permanent Building So-
ciety

MEXICO, CITY OF

HYDRAULIC PASSENGER.

Malo, Salvador
National Capitol
National Hotel

BELT MACHINES.

Mexican National Railway Co.

MONTREAL, CAN.

HYDRAULIC PASSENGER.

Balmoral Hotel
Beauchamp, J. C.
British Empire Mutual Life As-
surance Co.
Canadian Pacific Railway
Fisher, K., Apt.
Frazer Building
McDonald, W. C.
New York Life Ins. Co., 3
Perrault & Bourgeon
Standard Life Assurance Co.
Temple Building, 2
Waddell Building
Wilson Building

HYDRAULIC FREIGHT.

Burland, W. B., 2
McDonald, W. C.
Perrault, M.
Temple Building

BELT MACHINES.

Adams Tobacco Co.
McDonald, W. C., 2

MORVEE, INDIA.

HYDRAULIC PASSENGER.

His Highness The Thakore

MUEHLHAUSEN, GER-
MANY.

HYDRAULIC PASSENGER.

"Cercle Social de Mulhouse."

MUNICH, GERMANY.

HYDRAULIC PASSENGER.

Pschott, G.

OXFORD, ENGLAND.

HYDRAULIC PASSENGER

Randolph Hotel

PARIS, FRANCE.

HYDRAULIC PASSENGER.

Almeda, Baron de
Chabanas, Viscount
Cuevas, M.
De Fontarce, M., Avenue de Jena
Eiffel Tower, 2
Ganlow, M.
Globe Terrestre
Holzchuch, M.
Hotel Anglo-Francais
Hotel de l'Athence
Hotel Bristol, 2
Hotel Castiglione
Hotel Continental
Hotel du Jardin
Journal "La France"
New York Life Ins. Co.
Perquier, M. (residence)
"Rente Fonciere," 47 Boulevard
Haussmann
Russell, M., 50 Rue Chaillot, 25
Rue de la Paix, Office Building
Y turbe, M.

HYDRAULIC FREIGHT.

Hotel Continental

PITLOCHRIE, SCOTLAND.

HYDRAULIC PASSENGER.

McDonald Hydropathic Estab.

FOREIGN USERS OF THE HALE ELEVATOR.—*Continued.*

PORT SAID, EGYPT.

HYDRAULIC PASSENGER.
Lichtenberg, C. A. (Residential
Flats)

HYDRAULIC FREIGHT.
Lichtenberg, C. A. (Resident
Flats)

PORTSMOUTH, ENGLAND.

HYDRAULIC PASSENGER.
Central Hotel

ROME, ITALY.

HYDRAULIC PASSENGER.
Popolo Romano

ROTTERDAM, HOLLAND.

HYDRAULIC PASSENGER.
City Hospital, Coolsing St., 4

SHEFFIELD, ENGLAND.

HYDRAULIC PASSENGER.
Victoria Hotel

SOUTHWARK, ENGLAND.

HYDRAULIC PASSENGER.
Schoolbred, James & Co.

SOUTHAMPTON, ENGL'ND

HYDRAULIC PASSENGER.
London & Southwestern Hotel

SOUTH MELBOURNE, AUS-
TRALIA.

BELT MACHINES.
Hughes, Rye & Rigby, 8

ST. LEONARD'S-ON-SEA,
ENGLAND.

HYDRAULIC PASSENGER.
Grand Hotel

STOCKHOLM, SWEDEN.

HYDRAULIC PASSENGER.
Myrstedt & Stern
Hellstrandt, C. A.

SYDNEY, N. S. W., AUS-
TRALIA.

HYDRAULIC PASSENGER.
Australian Joint Stock Bank, 2
Beale & Co.
Crown and Anchor Hotel
Colonial Life Assurance Co.
Elliott Brothers
Farmer & Co.
"Grosvenor," The
Her Majesty's Theater
Harrison, Jones & Devlin
Hudson Bros.
Jones, David & Co.
Lawler, M. J.
Mort & Co.
New Zealand Loan & Mercantile
Company
"Nicholson's Corner"
Rundle, J. B.
Wesleyan Church Property
Wynne, Richard, 2
Victoria Arcade

HYDRAULIC FREIGHT.
Elliott Brothers, 3
Farmer & Co.
Harrison, Jones & Devlin, Lim-
ited, 3
Jones, D. & Co.
Lawler, John
Mort & Co., 5

New Zealand Loan & Mercantile
Co., 2

Rundle, J. B.
Wallach Bros.
Wesleyan Church Property, 2
Wynne, Richard

BELT MACHINES.
Ostral-Otis, E. & E. Co., 4
Hudson Brothers, 2

TEMAIRAN, NEW ZEA-
LAND.

BELT MACHINES.
Bruce, James

TORQUAY, ENGLAND.

HYDRAULIC PASSENGER.
Imperial Hotel, 2

TORRES, MEXICO.

BELT MACHINES.
Minas Prestas Mining Co.

TORONTO, CANADA.

HYDRAULIC PASSENGER.
British American Assurance Co's
Building
Board of Trade, 2
Canadian Bank of Commerce, 2
Canada Life Assurance Co., 2
Caldicott & Burton
Dominion Bank
Eaton, T. & Co.
London & Canadian Ag'y Co.
Mail Printing Co.
McDonald, John
Medical Council Building
Trust & Loan Co.
Traders Bank

HYDRAULIC FREIGHT.

British American Assurance Co's
Building, 2

STEAM FREIGHT.
McMasters, A. R. & Bros., 2

BELT MACHINES.
Hamilton, W. B.

UPSOLA, SWEDEN.

HYDRAULIC PASSENGER.
University Library

VALPARAISO, CHILI.

HYDRAULIC PASSENGER.
Diaz & Spencer

VENTNOR, ISLE OF WIGHT

HYDRAULIC PASSENGER.
Royal Marine Hotel

VICTORIA, BRITISH COL-
UMBIA.

HYDRAULIC FREIGHT.
Hudson Bay Co.

VIENNA, AUSTRIA.

HYDRAULIC PASSENGER.
N. Y. Life Insurance Co.

WINNIPEG, MANITOBA.

HYDRAULIC PASSENGER.
McKenzie Hotel

WOODSTOCK, ENGLAND.

HYDRAULIC PASSENGER.
Duke of Marlborough, Blenheim
Palace.



